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The Bolsover castle building account, 1613

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London

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The Bolsover castle building account, 1613, by Douglas Knoop and G. P. Jones ... London, The Quatuor coronati lodge, 1936.
cover-title, 56 p. map, geneal. table. 27½cm.

"Issued in advance of 'Ars quatuor coronatorum" vol. XLIX, part 1., 1936."

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THE BOLSOVER CASTLE BUILDING ACCOUNT, 1613

By DOUGLAS KNOOP AND G. P. JONES

Issued in advance of "Ars Quatuor Coronatorum"
Vol. XLIX Part i. 1936

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By DOUGLAS KNOOP and G. P. JONES

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THE BOLSOVER CASTLE BUILDING ACCOUNT, 1613.

BY DOUGLAS KNOOP AND G. P. JONES.

INTRODUCTION.

THE first castle at Bolsover[1] is believed to have been built fairly soon after the Conquest by William Peveril. It was intermittently in the possession of the Crown and at length was granted, in 1583, to Sir George Talbot, later the sixth Earl of Shrewsbury, whose successor, the seventh Earl, leased it to Sir Charles Cavendish in 1608 and sold it outright to him in 1613, at which time the Castle, it is believed, was in ruins.[2] This Sir Charles, the youngest son of the famous Bess of Hardwick by her second husband, erected the building to which our Account relates. On his death at Bolsover in 1617, the Castle descended to his eldest surviving son, William, who was raised through successive steps in the peerage and became Duke of Newcastle in 1665. He added to the Castle the long range of terrace buildings, now roofless and partly ruined, and the riding school and stables. His buildings and his father's were sequestrated, and their demolition was begun, during the Interregnum, but his brother, Sir Charles Cavendish, bought them and, on his death, in 1654, they passed to his nephews, first to Charles Cavendish, who died in 1659, and thereafter to his brother Henry, second Duke of Newcastle, who died in 1691. The first Duke returned to Bolsover after the Restoration and died in 1676. Eventually, by the marriage of Lady Margaret Cavendish Harley to the second Duke of Portland, in 1734, the Castle came into the possession of that house, in which it has since remained.[3]

The turreted rectangular keep and the extensive range of Renaissance buildings stand impressively on the crest of a ridge above the valley of the Dowley, about five miles east of Chesterfield and eight miles north-west of Mansfield. Coal mining below them has caused a subsidence of the earth and there are now wide cracks in the massive, but worn and decaying, masonry and in the floors. The only part of the buildings which has been inhabited in recent times, apart from a caretaker's flat over the stabling, is the Keep (commenced in November, 1612), to which our Account relates. Its panelling, mural paintings and marble fireplaces are still there and very well preserved, but it has become necessary to reinforce with timber some of the pillars, which figure so prominently in our Account and have, for more than three centuries, borne so heavy a weight.

In view of the very great interest of Bolsover Castle to the student of Renaissance architecture in England, it is unfortunate that the identity of the designer cannot be established with certainty, though there can be little doubt as

[1] The best history of the Castle is R. W. Goulding, *Bolsover Castle* (fourth edition, 1922). Older accounts will be found in Samuel Pegge, *Sketch of the History of Bolsover and Peak Castles*, 1785 (in Nichols, *Bibl. Topog. Brit.*, 1790) and Glover-Noble, *History . . . of the County of Derby* (1829), vol. ii.

[2] Pegge, *op. cit.*, p. 16. Our Account corroborates the view.

[3] We desire to acknowledge our great indebtedness to the Duke of Portland for generously depositing the Building Account in the Sheffield University Library for our inspection, and for allowing this transcript to be made and printed, and to the Trustees of the late Lord Leverhulme for a grant in aid of research, which has facilitated this and other investigations.

to his family. Our Account, near the bottom of every column except the first, contains an entry relating to "Smithson's charges for himself and his horse", and it is thus clear that this man, whose Christian name is never given, was employed in some supervising capacity, and may well have been the architect. It may be noted, however, that the Account shows no payment of a fee, salary, or wage to any master mason or architect, so that the remuneration of the man responsible was presumably charged to some other account. The bearers of the name whom we are able to trace are as follows:—

1. *Robert Smithson* [1535-1614], described on his tombstone [1] in Wollaton Church as "Mr. Robert Smythson, Gent., architector and survayor to the most worthy house of Wollaton, with diverse others of great account". He is said to have been master mason and architect at Longleat.[2]
2. *John Smithson*, architect, who built the riding house at Welbeck Abbey in 1623 and the stables in 1625.[3]
3. *John Smithson*, who made "a plott for the glasse house" at Wollaton in 1615.[4]
4. *Jo. Smithson*, whose signature appears on one of the Smithson drawings which were bought from the Smithson family of Bolsover by Lord Byron some time before 1762.[5]
5. *John Smithson*, buried at Bolsover, 16th November, 1634.[6]
6. *Huntingdon Smithson*, who died at Bolsover, 27th November, 1648.[7]
7. The *descendants of Huntingdon Smithson*.[8]

[1] Reproduced in M. S. Briggs, *The Architect in History*, p. 245. The Accounts relating to Wollaton (see *Hist. MSS. Com., Middleton MSS.*, p. 269) apparently neither prove nor disprove that he was the architect. For payments to Robert Smithson in connection with Wollaton, see *ibid.*, p. 452.

[2] Sir Reginald Blomfield, *Short History of Renaissance Architecture*, p. 39.

[3] R. W. Goulding, *op. cit.*; Vertue, *Anecdotes of Painting in England* (Horace Walpole's edition, 1765, vol. ii., pp. 38-9).

[4] *Hist. MSS. Com., Middleton MSS.*, p. 500. That the Smithson of our Account had some connection with Wollaton is suggested by the sum of 2s. 6d. paid to "the brickman that came from Wollaton". As no brick appears to have been used at Bolsover during the period of our Account, the brickman, who was doubtless known to Smithson, presumably visited Bolsover in an advisory capacity, very possibly to ascertain whether the earth at Bolsover was suitable for brickmaking.

[5] J. A. Gotch, *Development of House Design, etc.*, *Journal R.I.B.A.*, xvi., pp. 41 *seq.* Some of the drawings are reproduced by M. B. Adams in "Sundry Draughts and Plans by Huntingdon Smithson, of Bolsover", *Journal R.I.B.A.*, xiv., pp. 366 *seq.* There is no proof that the drawings were the work of Huntingdon Smithson (see Gotch, *loc. cit.*).

[6] Bolsover Parish Registers. The Vicar of Bolsover, Rev. Canon J. E. Paget, very kindly gave us every facility to examine the Registers, which commence in 1603, and the assistance of our colleague, Mr. D. Hamer, greatly eased the task of searching them. Unfortunately, the entries hardly ever give professions or descriptions.

[7] His tomb is now in the church at Bolsover, but, probably, not in its original position. The epitaph reads as follows:—

Reader beneath this plaine stone ly
Smithsons remainders of mortality
Whose skill in architecture did deserve
A fairer tombe his mem'ry to preserve
But since his noble gifts of piety
To God to men justice and charity
Are gone to heaven a building to prepare
Not made with hands, his friends contented are
He here shall rest in hope till th' world shall burn
And intermingle ashes with his urne.
Huntingdon Smithson
Gent.
Obiit IXbris 27 1648.

[8] See Appendix.

We may probably take all the men named John Smithson in this list as identical. If so, as he was an architect and buried at Bolsover, he may well have been in charge of the building of the Castle. Huntingdon Smithson, according to R. W. Goulding, was his son [1] and probably assisted him. This, though the relationship cannot be proved, seems reasonable, and is not inconsistent with the little that is known of Huntingdon Smithson. The tombstone credits Huntingdon Smithson with skill in architecture and he is said to have been living in Bolsover in 1601.[2] His will,[3] unfortunately, is not very informative. It is a nuncupative will, Smithson having been in the quaint phrase of the document, "surprised by his sickness in his intellectuals". The inventory attached to it shows that his property was estimated at the value of £960. 16. 0. The books (not specified) and mathematical instruments in his study, valued at £20, may indicate a connection with architecture, and the forty loads of limestone in his possession may indicate a connection with building, though the limestone might also have been intended for agricultural uses. The bulk of the property was in leases, live stock, crops and farming gear.

On three occasions the names of two other men are associated in the Account with that of Smithson: a Mr. Lukin is stated to have been twice at Bolsover with him at the end of 1612 or the beginning of 1613; in August, and again in September, 1613, the diet of a Mr. Kellam was paid for, in addition to that of Smithson, to the amount of 7s. 2d., which suggests that he was about 25 days at Bolsover. We have failed to trace either Lukin or Kellam, nor have we been able to discover any definite indication as to who acted as clerk of the works and kept the particulars and prepared the Account. He was possibly a steward or bailiff of Sir Charles Cavendish, to judge by the following entry in May, 1613:—

> *Money given to the workmen* Pd. the workmen that was given them by my master, 13s. 4d.

A very similar entry occurs in August. On the other hand, it may have been Smithson himself, although in all cases where his charges are concerned he is referred to in the third person.

The Building Account relates in the main to the first sixteen months of the re-building of the Keep or Castle proper. A few entries towards the end of the Account refer to "the house", or "the old house", presumably one and the same building. The construction or re-construction of this was apparently nearly finished before the Account ceased in March, 1614, glass being purchased for it in that month. The later accounts relating to the building have unfortunately not survived; our Account breaks off abruptly in March, 1614, with the heading written but no details entered, and it may well be that the man who acted as clerk of the works was removed or died suddenly (in which case he was clearly not Smithson) and that his successor started a new account book which cannot be found amongst the Portland MSS.

As previously mentioned, a castle had existed on the site for many years. We are disposed to think, however, that by the early seventeenth century, when Sir Charles Cavendish bought the estate, very little of the previous castle was left

[1] *Op. cit.* Briggs, *Architect in History*, p. 245, thought that Huntingdon Smithson was the son of Robert Smithson. Vertue (Walpole's edition, 1765, ii., 38-9) says, wrongly, that John Smithson died in 1648, and quotes, inaccurately, Huntingdon Smithson's epitaph to prove it. According to him, John Smithson was sent to Italy to collect designs for Bolsover.

[2] Pegge, *op. cit.*, with no authority indicated.

[3] The will and inventory, in the Birmingham Probate Registry, were abstracted for us by the Rev. Frederick A. Homer, F.S.A.

(though whether as the result of decay or of deliberate demolition, we are unable to say) and that a good deal of the stone had been removed for other purposes, for although our Account shows that labourers, women and boys were paid for "taking down old walls", the sums expended were so small that no very serious clearing of the site could have been carried out.

According to our calculations, the sums spent from 2nd November, 1612, to 12th March, 1614, amounted to £666. 12. 2., which can be analysed as follows:—

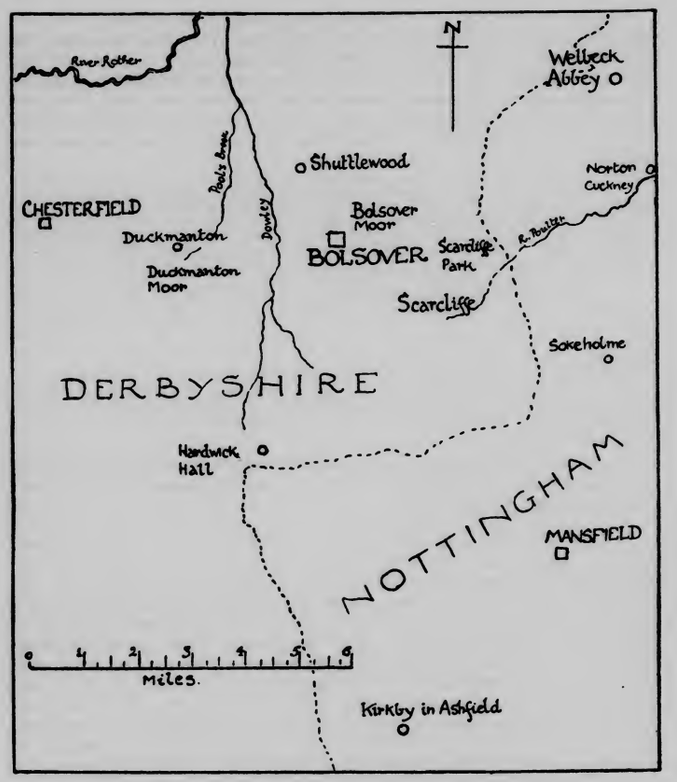
Getting rough stone at quarries	£94. 18. 6	
Carriage of stone	70. 17. 7	
Stone		£165. 16. 1
Freemasons and layers		228. 7. 3½
Labourers at Castle		103. 1. 11½
Labourers at limekiln and carriage of lime	61. 14. 10	
Coals for limekiln and carriage of coal	38. 7. 4	
Lime		100. 2. 2
Getting sand and carriage of sand		2. 16. 0
Carpenters and sawyers		35. 12. 8
Smiths' work		14. 3. 4
Bracken and thatching		6. 11. 10
Smithson's charges		6. 19. 0
Miscellaneous		3. 1. 10
		£666. 12. 2

The arithmetic of the Account being somewhat uncertain, our total does not absolutely agree with that which, in a different handwriting from the original, has been entered at the end of the Account; further, there is an element of doubt about how some of the cost of labour should be allocated between labourers at the limekiln and labourers at the castle, so that our analysis must be regarded as approximate only.

EXTENT OF THE BUILDING OPERATIONS.

The average weekly expenditure during the active building season of 1613, from the commencement of March to the end of October, was roughly £12 a week. Owing to the fact that the entries in the Account not infrequently take the form of payments to "A. B. and his fellows" or to "x labourers", it is impossible to determine exactly how many workers were employed at any one time, but the number of different names that can be traced each fortnight was generally 40 to 50, so that unless the *unnamed workers* were also set out by name under a different heading, which was almost certainly the case to some extent, the total number of workers actually engaged at any one time was something greater, perhaps 50 to 60. This estimate may be compared with an average of 102 (excluding carters) employed at Vale Royal Abbey in 1278-80,[1] 38 (excluding boatmen and carters) employed at Beaumaris Castle and 93 (excluding boatmen and carters) employed at Caernarvon Castle in 1316-17,[2] some 70 to 80 (without quarriers or transport workers) employed at Eton College in 1444-45[3] and 23 or 24 employed at Carreglwyd in 1636.[4]

[1] Knoop and Jones, *The First Three Years of the Building of Vale Royal Abbey*, *A.Q.C.*, vol. xliv., p. 15.
[2] Knoop and Jones, *Castle Building at Beaumaris and Caernarvon in the Early Fourteenth Century*, *A.Q.C.*, vol. xlv., pp. 11, 12.
[3] Knoop and Jones, *The Building of Eton College*, 1442-1460, *A.Q.C.*, vol. xlvi.
[4] Knoop and Jones, *The Carreglwyd Building Account*, 1636, *Transactions of the Anglesey Antiquarian Society*, 1934, p. 37.



ORGANISATION OF THE BUILDING OPERATIONS.

1. *Supply of Materials.*

(i.) *Stone.* The stone required was obtained from four different sources, apart from any old stone on the site which may have been utilised:—

(*a*) *Shuttlewood Quarry*, situated two or three miles north-north-west of the Castle, appears to have been the principal source of supply, more especially for the better kinds of stone, used for ashlar, door jambs, steps, etc. The Account shows many payments for baring the ground, for getting rough stone, for scappling wall stone and for freemasons' work done at the quarry, to facilitate which a lodge was erected there when the building work began.

(*b*) *The Town Quarry* was presumably at Bolsover itself. It apparently yielded only an inferior stone, used for walling. As at Shuttlewood, the work was done by labourers and masons in the employ of those responsible for the building operations.

(*c*) *The Moor Quarry*, referred to in Column 18 as Bolsover Moor, and situated a mile or two north-east of the Castle, was not used at the outset, the earliest reference to it being in April, 1613, when some "oven stone" was obtained. During the winter of 1613-14, however, more substantial quarrying operations appear to have been undertaken, as payments were made for baring the quarry and for scappling wall stone. The stone was also used for cutting quoins and splays, though the Account does not indicate where the stone was worked.

(*d*) *Old stone from Kirkby*, presumably Kirkby Hardwick, about a mile north-east of Kirkby in Ashfield, and some nine miles south of Bolsover, is first mentioned in the Account in December, 1613, when a mason was paid for working "window stuff" that came from there.[1] At the beginning of 1614, first 64 loads and then 58 loads of stone were carried from Kirkby to Bolsover at a cost of 4s. a ton, and in February payments were made to masons for working old stone that came from Kirkby. The practice of pulling down old buildings and utilising the stone, more especially the dressed stone, in the erection of new buildings, can be traced at least as early as the thirteenth century,[2] but after the dissolution of the monasteries in the sixteenth century the practice became much more common.[3] Whether the building at Kirkby was an ecclesiastical or lay building there is nothing in the Account to show, but we are disposed to think that it was a house.

(*e*) *Old stone on the site*, the result of taking down an old wall (for the sorting of which various payments were made during the winter of 1613-14), was in all probability used for filling.

(ii.) *Lime*. The Account shows that from the end of January to the middle of March, 1613, workmen were employed making a limekiln, situated apparently quite close to the Castle, as on no occasion can any charge for the carriage of lime be traced, though there are numerous entries relating to the carriage of coal and of limestone to the kiln. The kiln started working in March, 1613, and from that time until the Account closes a year later very substantial sums were spent on getting limestone (at 2½d. or 3d. per load), carrying it (at 5d. per load) and breaking it (at 1½d. or 1 3-5d. per load); on purchasing coal (at 3s. per load) and carrying it (at 1s. per load) to the limekiln, and on hiring labour to work at the kiln. According to our analysis, £100. 2. 2, or 15 per cent. of the total expenditure of £666. 12. 2 shown in the Account, was incurred in connection with the limekiln. The percentage of the total outlay made in respect of lime at Bolsover, namely, 15 per cent., though less than the corresponding figure of 21 per cent. incurred at the erection of Kirby Muxloe Castle in 1480-84,[4] was nevertheless very high compared with the expenditure at the erection of Vale Royal Abbey in 1278-80 and at the repair of Rochester Castle in 1368, at both of which undertakings it was only about 2½ per cent.[5]

(iii.) *Sand*. Whilst some apparently came from the old wall which was being pulled down, as payments were made for sorting such sand, the rest was obtained at a cost of one penny a load for getting and 8d. per load for carriage, but there is nothing in the Account to indicate where it came from.

[1] Sir Charles Cavendish held land in Kirkby at his decease in 1617 (*Cal. S.P.D.*, 1611-1618, p. 460), and had been engaged in litigation with regard to lands there and elsewhere in 1615 (*ibid.*, p. 334).
[2] Knoop and Jones, *The Mediæval Mason*, p. 55.
[3] *Ibid.*, p. 189.
[4] *The Mediæval Mason*, p. 49.
[5] *Ibid.*

(iv.) *Timber*. No very large amount appears to have been used during 1613, and it was not until the beginning of 1614 that steps were taken to obtain substantial supplies. In March, April and July, 1613, boards were purchased for making hods, wheelbarrows, etc.; in April also, wood was bought out of Scarcliffe Park (about two miles south-east of Bolsover) to make "fleakes" (flakes=hurdles, wicker shields) for scaffolds. In September, two sawyers were paid for felling timber for "lautes" or "lantes" (? means laths). In November, a sum of 15s. was paid for the carriage of five loads of poles from Soulcombe (Sokeholme, about six miles away to the south-east) to Bolsover. These poles were required for scaffolds, but it is not indicated how they were obtained. At the commencement of 1614, however, carpenters were being paid for felling, squaring and sawing timber, and labourers were being paid for making eight saw pits. We can trace no entry for the carriage of timber, and so can form no opinion as to how far it had to be transported. The presumption is that the trees were felled somewhere on the Cavendish estates, as there is no entry referring to the purchase of trees.

(v.) *Bracken*. A small quantity was purchased in 1612 to thatch the two lodges. In October, November and December, 1613, labourers and women were paid for getting bracken for "the cover of the walls of the house", doubtless to prevent these being damaged by frost during the winter, a very common protective measure in the Middle Ages.[1] In some cases the bracken is merely stated to be for the cover of the walls, but whether the stonework of the Castle, as well as of the house, was covered, there is nothing definite to show, though as layers continued to be paid for work at the vaults during the winter, we are disposed to think that at least some of the stonework of the Castle was not covered.

2. *Transport of materials*. Apart from filling stone and sand obtained by pulling down the old wall, every kind of material used directly or indirectly for the building of the Castle—building stone, limestone, coal for the limekiln, sand for the mortar, poles and "fleakes" for the scaffolds, bracken for covering the walls—had to be transported for longer or shorter distances. In each case the work appears to have been paid for at so much per load, the charge being approximately 5d. per load per mile. In the case of the stone from Kirkby, the Account shows that (unnamed) Kirkby men were paid for the carriage, and it is not unlikely that Henry Woode, who carried the poles from Sokeholme to Bolsover, was a Sokeholme man, as his name occurs in no other connection. The rest of the carriage, in so far as names are mentioned, was undertaken by eight men,[2] though in at least two of the cases the men named were leaders of parties. The presumption is that these eight men and their associates were from the immediate neighbourhood of Bolsover. In no case do those responsible for the building operations appear to have provided their own teams and carts, as was sometimes the case in the Middle Ages,[3] and as also occurred for a time at the contemporary building operations at Wadham College, Oxford.[4]

3. *Smith's Work*. Most of this, whether it took the form of supplying materials, such as nails, hodplates or new quarry tools (*e.g.*, hammer, stone axe, wedges, gavelocke, kevel) or of mending and repairing quarry tools, was undertaken by the (unnamed) smith of Bolsover. The door hooks, grates for the wet

[1] See *The Mediæval Mason*, p. 132.
[2] ——— Bucher, ——— Kichen, ——— Clay, George Shemell, Roger Rowson, Henry Statham and his fellows, Ralph Souter and his fellows, ——— Hallam.
[3] See *The Mediæval Mason*, p. 51.
[4] T. G. Jackson, *Wadham College, Oxford*, p 31.

larder and window bars were made by Bowkett, the smith of "Norten" (? Norton Cuckney, some 6½ miles east of Bolsover), who presumably was regarded as a more skilful craftsman. Both smiths appear to have been paid by the piece, and never by time.

4. *Lodges.* In the first column of the Account there is reference to two lodges, one described as "the lodge at Shuttlewood quarry", the other as "the Town Lodge". That much stone in the Middle Ages was wrought in the quarries is well known,[1] and it is likely that in all these cases there were lodges in the quarries, though the only definite evidence of the existence of such lodges with which we are acquainted relates to Huddleston quarry in the fifteenth century and Sandgate quarry in the sixteenth century.[2] Thus it is not surprising to find a lodge at Shuttlewood quarry. "The Town lodge" may have been at the Town quarry, or in the immediate vicinity of the Castle. As the Town quarry apparently produced only wall stone, which would doubtless be scappled in the open, we are disposed to think that the Town lodge was near the site of the building, more particularly as the old stone from Kirkby was worked up at the Castle. Both lodges were framed by the carpenter and thatched with bracken by the thatcher, whilst in the case of the Shuttlewood quarry lodge there was a payment to a mason for walling. Apart from these early entries, there is no further reference in the Account to either lodge.

THE LABOUR EMPLOYED.

1. *Masons.* The three terms used in the Account to describe the stoneworkers are "free mason", "mason" and "layer". The principal connections in which they occur are as follows:—

"free masons and layers at the walls" *or* "at the foundation",
"free masons at setting of the walls",
"masons and layers at the lime kiln and scappling"
"masons and layers at the foundations and walls",
"masons and layers at the vaults and centres",
"layers at scappling of arch stone",
"layers at the foundations and walls",
"layers at the vault of the cellar".

Frequently the stoneworkers are not described, but their names and earnings are given against such marginal headings as:—

"free masons' work done at Shuttlewood quarry",
"stone scappled at Shuttlewood quarry" *or* "at the Town quarry",
"dressing oven stone at the More",
"at hewing quoynes and splays",
"setting of the larder pillar",
"free stone wrought that came from Kirkby",
"masons' work wrought at Castle of old stone that came from Kirkby",
"free masons' work of 'parrelinge' of ashlar and other stone from Kirkby".

After careful consideration of the various groupings and the names which appear under each, we are disposed to think that the terms "freemason" and "mason" are used as equivalents and that we are concerned with only two categories of stoneworkers, viz., (i.) "free mason" or "mason" and (ii.) "layer".

[1] See *The Mediæval Mason*, p. 75.
[2] *Ibid.*, p. 76.

(i.) *Freemasons.* The operations under the heading "free masons' work done at Shuttlewood quarry" include the working of ashlar, step, door jambs, window stuff, ground table, legement table, water table, corbels, archstones, and all the various parts required for the pillars in the kitchen and larders. The ashlar is sometimes described as "axed ashlar", the step as "axed step", the paving as "axed paving", whilst certain inner quoins for the inside of the house are described as scappled; thus the freemasons must have worked with stone-axe or stone-hammer, as well as with mallet and chisel. Such marginal headings as "free masons and layers at the walls" and "free masons at setting of the walls" show that the freemasons were also concerned with laying or setting. It was certainly Symson, one of the men sometimes paid for freemasons' work at Shuttlewood quarry, who set the larder pillar, doubtless a responsible job, as the pillar had to be built up of various separate pieces. On the other hand, when freemasons were employed at the walls, no very superior workmanship would appear to have been called for.

Unfortunately, all those engaged on freemasons' work at Shuttlewood quarry at any particular time are not named in the Account, which usually refers to "A.B. and his fellows" or "A.B. and C.D. and their fellows". To judge by the amounts paid for working stone and by the prevailing rate of day wages, we are disposed to think that six or eight freemasons were commonly employed at any one time at Shuttlewood quarry, and presumably a dozen or more different men in the course of the sixteen months. It is only possible, however, to trace seven by name as having worked there at one time or another. Of these, two are never named in any other connection,[1] one also wrought old stone that came from Kirkby,[2] and four were paid on various occasions for scappling, laying or setting.[3] There were, in addition, three men who wrought old stone from Kirkby,[4] and one who worked quoins and ashlar at the Moor,[5] who must be regarded as freemasons. There is also a group of six men described as "free masons at setting of the walls"; of these six, two did free masons' work at Shuttlewood quarry and are included above[6]; the other four[7] cannot be traced as hewers, but nevertheless must presumably be classed with the freemasons. Thus we can trace fifteen freemasons. It may well be that there were others, who were either never entered in the Account by name, or only entered by name amongst the layers, as there does not appear to have been any very sharp dividing line between the two categories of stone workers.

(ii.) *Layers.* The work done by the layers appears to have consisted of laying and of scappling or rough-dressing stones with a hammer. In many cases the men engaged on scappling are not described. Instead their names and earnings are set out against such marginal headings as "stone scappled at Town Quarry" or "at Shuttlewood Quarry". In some cases the names are not all set out, the Account reading, for example, "Pd. Denes Mason and his fellows for scappling 8 roods of wall stone at the Town quarry. 12s." Although this method of posting the Account is not so common in the case of the layers as in the case of the freemasons, it nevertheless leaves an element of uncertainty as to whether all the layers, who at one time or another worked at Bolsover between November, 1612, and March, 1614, are named in the Account. The number of

[1] Baram and Goodwin.
[2] Crokes.
[3] Thomas Johnson, John Raffell, Shawe (Shore), Symson.
[4] John Adams (who also hewed quoins and splays of More stone), Hawlee and Thomas Mason (who also worked with the masons and layers at the vaults).
[5] Tomlinson.
[6] John Raffell and Symson.
[7] Lankester (who also worked with the masons and layers at the walls), Leptrote (who also worked as a scappler and as a layer), John Meatam (who also worked as a layer), and Raffell (who also worked as a scappler and as a layer).

stoneworkers appearing in the Account as only laying or scappling stone is twenty-one,[1] on the assumption that "Jarvise" and "Meatam's man" are identical, which seems probable.

Thus in the Account, thirty-six stone workers are named who can be divided into fifteen freemasons and twenty-one layers, but we repeat that we do not think that there was a very sharp dividing line. Several of the men appear to have turned their hands to whatever work called for attention, in very much the same way as the masons employed at London Bridge during the Middle Ages.[2]

Masons' Wages. All the freemasons' work done at Shuttlewood quarry, and practically all the scappling, were paid for at so much per foot or rood, so that nearly two-thirds of the payments made to masons represented piece-wages, and only a little over one-third day-wages.[3] How much the masons earned per day whilst paid by the piece, there is nothing to show. It is possible, of course, that where a payment by the piece was made to "A.B. and his fellows", A.B. was a sub-contractor paying his men day rates; however, we are not disposed so to read this type of entry,[4] but rather to regard the men as partners. In the case of several of the men, it is not possible to ascertain their time rates, as they are never entered in the Account as having worked for a daily wage, but there is sufficient evidence to show that 12d. a day was the predominant rate for freemasons, and also, though in a less marked degree, for layers. The facts revealed by the Account are as follows:—

15 Freemasons	*21 Layers*
6 @ 12d. per day	9 @ 12d. per day
2 @ 11d. per day	5 @ 10d. per day
1 @ 10d. per day	1 @ 6d. per day
6 with no day-rate	1 @ 4d. per day
	5 with no day-rate
—	—
15	21

Apart from the fact that the 6d. and the 4d. were paid to boys, there is nothing in the Account to show why some received only 10d. or 11d. instead of the more usual 12d. In the only case where one layer is described as the man of another,[5] he was paid 12d. after the first fortnight at 10d., so that the status of the craftsman does not seem to have affected his remuneration. On the other hand, there are three other cases where the rate was put up after the first fortnight,[6] which suggests that when first engaged they were tried at a low rate and that their wage was raised as soon as they had shown themselves proficient.

The information concerning winter rates is but slight, as we can trace only six masons who were paid daily wages in the months of November, December and January; of these, one definitely,[7] and one possibly,[8] were in receipt of

[1] Allen, Armefield, Copley, Croft, Marshall, Denes Mason, Meacocke (=Maycocke), Edward Meatam, Meatam's man (=Jarvise), Nobell, Ouldalle, Pallamon, Thomas Raffell, Arthur Reade, Reade's boy, Rotherforthe, Roylles, Roylles's boy, Peter Smith, Stancall, Woode.

[2] See Knoop and Jones, *London Bridge and its Builders*, *A.Q.C.*, vol. xlvii.

[3] According to our calculation, £143. 17. 6½ was paid in piece-wages and £84. 9. 9 in day-wages to freemasons and layers.

[4] *E.g.*, "Pd. Richard Baram and his fellows for 200 foot of axed ashlar at 2d. the foot 33s. 4d. Pd. them for 69 foot of door jamb at 5d. the foot 27s. 1d. Pd. them for 32 foot of step at 2¼d. the foot 6s. 8d. £3. 7. 1."

[5] "Meatam's man".

[6] John Meatam (freemason) raised from 10d. to 12d., Thomas Mason (freemason) raised from 10d. to 11d., and Woode (layer) raised from 9d. to 12d.

[7] Thomas Raffell was reduced from 10d. to 9d. for two fortnightly periods in December, 1613, and January, 1614, and then restored to 10d.

[8] The 9d. paid to Woode when first engaged in January, 1614, may have been a winter rate corresponding to a summer rate of 10d. Subsequently he was paid 12d.

9d. in December and January, as against 10d. in summer. The other four appear to have suffered no reduction in winter. In this respect they were favoured as compared with the masons employed at many earlier building operations.[1] In so far as layers were concerned, several of them were fortunate in being provided with scappling during the winter of 1612-13, when there was no laying, and during the winter of 1613-14, when there was but little laying available.[2]

Holidays. With regard to holidays, the Account is not very informative. The only definite reference is that to three holidays at Christmas, 1613, when eight labourers were paid ten shillings "for taking down one piece of the castle wall in the three Christmas holidays". In many of the fortnightly accounting periods no mason was paid for twelve days, but whether the masons worked short time because of holidays, or because of being partly engaged on piece-work, but not so named in the Account, or because of the weather, or for other reasons, it is impossible to say. Taking the dates as given in the Account, the maximum number of days worked by any mason in successive periods (which usually start and end on a Saturday) during the active building season from the beginning of March to the end of October was as follows:—

March 6 to March 20	11 days	July 10 to July 24	12 days
March 20 to April 3	9½ ,,	July 24 to August 7	11 ,,
April 2* to April 17	10 ,,	August 7 to August 21	11½ ,,
April 17 to April 30*	10½ ,,	August 21 to September 4	12 ,,
April 30 to May 15	11 ,,	September 4 to September 18	12 ,,
May 15 to May 29	9½ ,,	September 18 to October 2	11 ,,
May 29 to June 12	12 ,,	October 2 to October 16	11 ,,
June 12 to June 26	11 ,,	October 16 to November 6*	8 ,,
June 26 to July 10	12 ,,		

* *Sic.*

It may be pointed out that Easter Sunday in 1613 fell on April 4th and Whit-Sunday on May 16th, and the holidays associated with these festivals may have accounted for two of the short fortnights. It would be easy to draw up a list of possible holidays to account for other short fortnights, but we very much doubt whether after the Reformation so many saints' days were observed as in earlier times, and we think that the weather is the most likely explanation of some irregularity of employment amongst the layers who were the chief recipients of day-wages.

Comparison of rates with those paid elsewhere. For the decade 1613-22, the general average daily wage of a mason in England has been calculated as 12⅛d., the predominant rate of a mason at Oxford as 12d. and the predominant rate of a mason at Cambridge as 14d.[3] These figures have to be compared with an average rate for freemasons and layers at Bolsover in 1613 of 11¼d. and a predominant rate of 12d.

Continuity of employment amongst masons. Owing to the large amount of piece work and the frequent omission of names from the Account in connection with such work, it is impossible to be certain as to the periods for which different masons were employed at Bolsover, but a study of a tabulation of every name, fortnight by fortnight, for the sixteen months from November, 1612, to March, 1614, leads us to conclude:—

(i.) That seven masons were employed more or less the whole time[4];

[1] See *The Mediæval Mason*, p. 118.

[2] See *ibid.*, p. 132.

[3] See *The Mediæval Mason*, p. 236.

[4] Symson, Raffell, Thomas Raffell, John Raffell, Armefield, Goodwin and Ouldalle.

(ii.) That twenty-three masons were employed for longer or shorter periods during the building season of 1613,[1] of whom only two apparently reappeared at the commencement of the following season[2];

(iii.) That six masons began work at Bolsover early in 1614.[3]

2. *Carpenters.* Chester and his boy, "Young Chester" as he is described on one occasion, worked regularly at the Castle from the beginning of March, 1613, the father being paid 10d. a day (with the exception of eight weeks in November and December when he was paid only 9d.) and the boy 5d. a day (throughout the year). During the winter of 1612-13 some carpenters had been paid by the task for certain jobs such as framing the lodge and making barrows; no names are given and it is possible that they were Chester and his boy, but it is more probable that this work was done by one or more of the men who did odd jobs during the year and who were presumably local carpenters, which we do not think the Chesters were.[4] In March, 1613, they were engaged in making wheelbarrows and hods, after which they were mostly concerned with scaffolding and centres, the latter, no doubt, in connection with the vaulting of the cellars. In December, they assisted in covering the walls, and at the beginning of February, 1614, they were employed in felling and squaring of timber.

During the year that Chester and his son were regularly employed, a good deal of casual woodworking was also paid for. In the spring of 1613, a carpenter[5] was paid 2s. 2d. per dozen for making hurdles, and two others[6] for sawing planks and trestles. A year later, one of these two was paid 10d. per day for felling and squaring timber. From the beginning of January, 1614, four other carpenters were employed, two,[7] at 12d. per day and two[8] at 10d., first "at the roof and floors", presumably of the old house which was being reconstructed, and then "felling, squaring and sawing timber". In the previous September, two sawyers[9] were paid for sawing timber for centres and for felling timber for "lautes" and making "lautes", while for four days in October, two carpenters[10] were paid 12d. a day for assisting Chester "at framing and sawing for centres".

3. *Labourers.*

(i.) *Quarrymen.* Although a casual examination of the Account suggests that there was no definite category of quarrymen, the term when used being

[1] Richard Baram (January-July), Stantall (January-April), Denes Mason (January-April), Shawe (February-October), Leptrote (February-October), Reade (February-May), Reade's boy (February-May), Roylles (March-August), Roylles's boy (March-August), Thomas Johnson (March-November), Allen (March-April), John Meatam (April-October), Edward Meatam (February-December), Meatam's man (April-December), Marshall (April-June), Pallamon (May-July), Meacocke (June-November), Lancaster (June-October), Peter Smith (August-September), Crofte (August-September), Copleye (August), Nobell (August-November), and Crokes (September-November).

[2] John Meatam and Edward Meatam.

[3] Woode, Hawlee, John Adams, Tomlinson, Thomas Mason and Rotherforthe.

[4] We are led to this view by the fact that the relationship between Chester and his boy is not disclosed until the very end of the Account, which suggests that it was unknown to the accountant, whereas in the cases of Robenson and his son and Raffell and his son the relationship is disclosed at the outset. Further, we have not traced a reference to the Chesters in the Bolsover Parish Register, though we cannot assert that none exists.

[5] Lee.

[6] Robenson and his son.

[7] John Barowecloughe and Richard Barrow[cloughe].

[8] Tuckeman and Turner.

[9] Not named in the Account.

[10] Kichen and Roughstone.

apparently interchangeable with "labourers",[1] a closer analysis shows that although some labourers who worked in the quarries performed a variety of other jobs, such as serving the layers, drawing water for lime, and digging at the foundation, the names of others are entered in the Account only under the heading "Getting stone at the quarry" or its equivalent. In many cases when work at the quarry was paid for by the foot no names are given, but in some cases of piece work and in all cases of day work they are, and we are thus able to trace the names of thirty men paid for work at the quarries. Of these, fourteen appear in the Account in no other connection and we are disposed to regard them as quarrymen, rather than as labourers, although the rate of remuneration was usually the same in both cases, namely, 6d. per day.[2] On one occasion Arthur Reade, a layer, was paid for 11 days at 10d. the day "for "scappling of stone and directing of the quarry",[3] and it may be that on other occasions one of the masons working at a daily wage in a particular quarry, was in charge of the quarrying operations there, although there is no entry in the Account to show it.

(ii.) *Limeburners.* The principal limeburner was James Wilson, who was in charge of the kiln for a few weeks from the time when it was first brought into use in March, 1613, and again during the winter of 1613-14. During the first period he was paid 10d. the day, during the second, 8d. the day, which was presumably the corresponding winter rate. In the summer of 1613, a limeburner called Norwood was in charge, who was paid only 7d. the day.

(iii.) *General labourers* (men). If from the sixty-nine men who can be traced by name under various headings equivalent to labouring, there be deducted the fourteen quarrymen and the two limeburners, there remain fifty-three men who performed one or more miscellaneous labouring duties such as getting, breaking or loading limestone, baring quarries, digging foundations, taking down old walls, tempering mortar, sifting and harling lime, drawing water for lime, sorting and cleansing wall stone and sand, and serving the masons and layers. Some of this work, such as digging foundations, sorting stone and sand and getting and breaking limestone, was sometimes paid for at piece rates, but most labouring was paid for by a daily wage of sixpence. In a few cases, the payment was sevenpence or even eightpence.

(iv.) *Boys.* Six workers receiving 2d., 3d. or 4d. a day are definitely classed as "boys" in the Account, and we have placed in this group the ten other male workers paid at the rate of 3d. or 4d. a day, thus making sixteen boys in all. They were chiefly employed in serving the layers, but other work performed by them was taking down the old wall, sifting lime, harling lime, carrying sand and getting bracken for covering the walls.

(v.) *Women and girls.* Twenty-four women and five girls are named in the Account, the former receiving 3d. or 4d. a day and the latter 2d. Women were employed in taking down the old wall, serving layers, carrying sand, carrying filling stone, sorting stone and sand, getting bracken for covering the

[1] *E.g.*, in Col. 7: "*8 Labourers at getting rough stone at Shuttlewood quarry.* Pd. the quarrymen for getting of 610 foot of rough stone at ¾d. 38s. 3d." The following fortnight, under a very similar heading, the entry runs: "Pd. the labourers at Shuttlewood quarry for getting of 367 foot of stone and baring of the quarry at 1¼d. the foot 38s. 4d."

[2] One quarryman was paid 7d. per day and another 5d. For exceptional payments to labourers, see below.

[3] In our analysis he is included amongst the masons. Masons are known to have directed quarries in the Middle Ages. The fifteenth century accounts relating to the building of Magdalen College show payments to John Grange, *latomus et custos quarrure de Teynton* and to Thomas White, *latomus et custos quarrure apud Whetle.* (Bloxam, *Magdalen College Registers*, II., 228.)

walls, and, more vaguely, "at the foundations" and "at the lime kiln". The girls were employed serving layers, "at the foundations" and "at the lime kiln". During most weeks in summer eight or ten women and girls were being employed at any one time.

Provenance of the Labour. We cannot say exactly how much of the labour employed on the Castle was found locally, but there is evidence to suggest that some of it was found in the parish, and some may have come from neighbouring parishes, whose registers we have not searched. The Bolsover Registers rarely give trades or professions and our Account does not always give Christian names, so that there is little possibility of using one record to identify persons occurring in the other. Moreover, the married women named in the Account might occur in the Registers under their maiden names without our being able to recognise them. In a search limited to a few hours we found in the Registers three [1] of the surnames borne by masons in our Account, two [2] of the surnames of people paid for carrying and twenty-eight [3] of the surnames of labourers, male and female. Allowing for the possibility that a labourer in the Account might be no relation of a Bolsover family with the same surname, it still seems likely that most of the thirty-three persons whose surnames occur in both records were local people.

In several cases two or more members of the same family appear to have worked at Bolsover, which rather suggests that they were local people. Thus we find William Yeavlee amongst the labourers, Thomas Yeavlee amongst the boys, "Yeavlee wiffe" and Bess Yeavlee amongst the women. This family, assuming it was one family, calls to mind the famous fourteenth century mason-architect, Henry Yevele.[4] The Bolsover Yeavlees not improbably came from Yeaveley in Derbyshire. The following further possible instances of family employment at Bolsover may be noted:—(i.) *Rodes*: a quarryman, a boy and a woman; (ii.) *Robenson*: two sawyers (father and son), a labourer, a wife (? Alse) and a woman (Mary); (iii.) *Kichen*: a labourer and sons, a boy, a woman, a girl and a carter; very possibly the carter was the same as the labourer and the boy was identical with one of the sons grouped with the father on one occasion. There are numerous examples of two persons of the same name working at Bolsover, *e.g.*, a married woman and a girl *Godlye*, a woman and a girl *Breeden*, two women *Wynter*, a quarryman and a woman *Fleming*, a labourer and a wife *Robe*, a labourer and a wife *Johnson*.

It is nothing new to find women and girls as labourers at building operations; they had been so employed at Caernarvon Castle in the early fourteenth century [5] and at Chester in the sixteenth century,[6] but we are disposed to think that the proportion of female labour to male labour at Bolsover, and the number of married women who can be traced as working there, namely, nine, was probably higher than formerly. If that was so, it may perhaps be attributed to the great fall in real wages during the sixteenth century,[7] which in the case of married men exercising unskilled occupations would make supplementary family earnings almost essential.

[1] Meatam, Marshall and Stansall.
[2] Hallam and Statham.
[3] Barker, Breeden, Bowlinge, Brookfield, Bell, Barlow, Butcher, Duckmanton, Godley, Hardy, Hodgskinson, Hydes, Johnson, Kichen, Miller, Peace, Roberts, Rogers, Rowson, Richardson, Robinson, Rodes, Shepstone, Spittlehouse, Winter, Wilson, Wherricke and Wildsmithe.
[4] See Knoop and Jones, *Henry Yevele and his Associates*, *R.I.B.A. Journal*, 25th May, 1935.
[5] See Knoop and Jones, *Castle Building at Beaumaris and Caernarvon in the Early Fourteenth Century*, *A.Q.C.*, vol. xlv., p. 19.
[6] See Edna Rideout, *The Account Book of the New Haven, Chester*, 1567-8, reprinted from the *Trans. of the Hist. Soc. of Lancs. and Ches.*, 1929, pp. 33 *folg.*
[7] See *The Mediæval Mason*, pp. 205 *folg.*

Conclusion.—The method of conducting building operations at Bolsover in 1613, bears a far closer resemblance to the direct labour system of the Middle Ages than to the contract system of modern times. The most modern feature at Bolsover was that the Castle was apparently planned and its erection supervised, not by a master mason, but by a professional architect who was on the spot much, though not all, of the time the building was under construction. On the assumption that the number of meals charged for each fortnight represented the number of days he was engaged on the job, Smithson attended on the average 8½ days per fortnight from 6th March to Christmas, 1613, or roughly two-thirds of the maximum number of days. That he was there fairly regularly is also suggested by the fact that no warden or foreman appears to have been employed. The horse, for which provender was supplied, was probably used for riding to and from the quarries, though it may also have enabled him to supervise other work for which he was responsible.

Another respect in which conditions at Bolsover differed from those in the Middle Ages was the relatively large amount of piece work or task work for which masons, quarrymen and, in some cases, labourers, were paid. On the other hand, there do not appear to have been any large contracts, such as the £570 stonework contract between John Akroyd, the mason-architect, and the authorities of Merton College, Oxford, in respect of work to be done at that College in 1609.[1] The contract system, however, was not universal at Oxford at this period, as a year later at the erection of Wadham College, we find the old direct labour system still being followed.[2] Other more or less contemporary cases of private building operations conducted on the direct labour system were the erection of Loseley Hall, near Guildford, in 1561-9,[3] and of Carreglwyd, a substantial house in Anglesey, in 1636.[4]

With regard to the baring and working of quarries, the erection and operation of a limekiln, the construction of lodges, the felling and sawing of timber, the transport of materials, the frequent employment of most kinds of labour at day-wages by those responsible for the building, the Bolsover Account might relate to the thirteenth or fourteenth, instead of the early seventeenth century.[5] A study of it clearly brings out the important point that the displacement of the Master Mason by the professional architect did not necessarily imply the displacement of the direct labour system by the contract system.

THE BUILDING ACCOUNT.

[The following document consists of eighteen paper sheets, about 11⅞ inches wide, and varying in length from 15½ to 25¾ inches, gathered and fastened at the top so that they can be rolled up. Every page, except the first, is divided into two columns (those from 1 to 22 being numbered), each containing the payments made, or due, in the period indicated in its heading. The columns are further divided into (*a*) a margin for headings, (*b*) the

[1] T. W. Hanson, *Halifax Builders in Oxford*, *Trans. Halifax Antiquarian Society*, 1928, p. 273. Incidentally, it may be noted that Akroyd, like Smithson, was to be provided with food and with accommodation for his horse. The College also entered into a £430 wood-work contract with Thomas Holt, the master carpenter. The Bursar's Accounts show, however, that, notwithstanding such contracts, a good deal of work was done by direct labour.
[2] T. G. Jackson, *Wadham College, Oxford*, pp. 29 *folg.*
[3] J. Evans, *Extracts from the Private Account Book of Sir William More of Loseley*, *Archæologia*, vol. xxxvi., pp. 284 *folg.*
[4] Knoop and Jones, *The Carreglwyd Building Account*, 1636, *Trans. Anglesey Antiquarian Society*, 1934.
[5] For an account of the conduct of mediæval building operations see *The Mediæval Mason*, chapter iii.

detailed entries relating to those headings, with the amounts set out on the right-hand side, and, on the extreme right of the column, totals for two or more of those amounts added together.

In printing the document, we have, in order to save space and to make the Account easier to read, made the following changes:—

(i.) Roman numerals, where they occur, have been changed to Arabic.

(ii.) Headings, instead of being printed in the margin, are printed *in italics* at the beginning of the entries to which they refer.

(iii.) In many cases small paragraphs of a line or two have been run together.

(iv.) The columns are printed consecutively instead of collaterally.

(v.) The orthography and punctuation of the original have, in general, been modernised. Proper names and, ordinarily, place-names have been left in the original spelling, though we have not attempted in every case, where the same name occurs repeatedly in different spellings, or differently contracted, to reproduce each variant as it occurs.

In altering the form of the document we have not changed its content. Every date, name, item and figure of the original is given, in the same order, in our transcript.]

ANNO: DOMINI: 1613

A BOOKE OF THE BUYLDINGE CHARGES AT BOULSOVER THE YEARE OF OURE LORDE GOD: 1613: BEGININGE THE 2TH OF NOVEMBER 1612.

1. The workmen's bill for Boulsover work, from the 2th of November unto the 24th of December 1612.

£. s. d.

Free masons' work done at Shutelwod quarry Pd. Walter Symson and John Raffell for working of 85 foot of door jamb at 5d. the foot 35s. 5d. Pd. them more for 307½ foot of ashlar at 2d. a foot £2. 11s. 3d. 4. 6. 8

Rough stone got at quarry of Shuttellwd Pd. the labourers at the quarry for getting of 391 foot of rough stone at 2½d. the foot 48s. 10d. Pd. them for the baring of the quarry at that time, being the first 38s. 11d. 4. 7. 9

Stone scappled at the Town quarry Pd. to Raffell and his son for scappling of 12 rood of wall stone at 2s. 6d. the rood 30s.

Rough stone gotten and baring of the Town quarry Pd. the labourers for getting of 96 loads of wall stone at 3d. the load 24s. Pd. them for baring of the same quarry at the first time 17s. 3. 11. 0

Carpenter work at the 'Loge' at Shut. quarry Pd. the carpenter for framing of the 'Loge' at the quarry and making of wheelbarrows 11s. 4d.

Walling of the 'Loge' Pd. for walling of the same 'Loge' to Armefeld 7s. 6d.

Bracken for thatching of the 'Loge' Pd. for 300 of bracken for the cove[ring ?] of the same with carriage both of it and wood for the 'Loge' 4s. 10d. 23. 8

£ s. d.

Carpenter's work at the Town 'Loge' Pd. the carpenter for framing of the 'Loge' at the Town 3s. 4d. Pd. the thacker for thatching of both the 'Loges' and getting of clods for the same 2s. 8d. 6. 0

Smith's work for Shuttellwode and the Town quarry Pd. the smith for one new hammer of 14 lbs. weight 2s. 4d. For a new stone axe 20d. For 10 new iron wedges 2s. 4d. For a new gavelocke 20 lbs. weight 3s. 4d. For 700 laute nail 14d. For 300 laute nail and a new kevell 2s. 8d. For a new gavlocke weighing 2 stone weight 4s. 8d. 18. 2

Limestone got by Wison beyond the Town Pd. to the labourers for getting of 40 load of limestone at 3d. the load 10s.

Summa totalis £ 15. 3. 3

2. The workmen's bill for Boulsover work, from the 24th of December unto the 23th of January 1612.

Free masons' work done at Shuttelwd quarry Pd. Richard Baram and his fellows for 200 foot of axed ashlar at 2d. the foot 33s. 4d. Pd. them for 65 foot of door jamb at 5d. the foot 27s. 1d. Pd. them for 32 foot of stepte at 2½d. the foot 6s. 8d. 3. 7. 1

Wall stone scappled at the Town quarry Pd. Raffell and his son for scappling of 9 rood of stone at 22d. the rood 16s. 6d. Pd. Stancall and his fellows for scappling of 3 rood of wall stone at 18d. 4s. 6d. 21. 0

Rough stone got and baring of the quarry at Shuttellwo. Pd. the labourers of Shutellwod for getting of 309 foot of rough stone at 1¼d. the foot 31s. 4d. Pd. them more for baring of the quarry 12s. 43. 4

10 labourers at quarry at that time

Labourers at getting of wall sto. and baring of the Town quarry Pd. Fleminge for 12 days 6s. Pd. Duckmanton for 12 days 6s. Pd. Smalle for 12 days 6s. Pd. Lvne for 9 days 4s. 6d. Pd. Rodes for 6 days 3s. Pd. Hardye for 7 days 3s. 6d. Pd. Bovles for 5 days 2s. 6d. Pd. Ottor for 6 days 3s. 34. 6

Labourers at making of the way into the Castle Pd. Hardye for 4 days 2s. Pd. Boulde for 4 days 2s. Pd. Slacke for 5 days 2s. 6d. Pd. Ottor for 5 days 2s. 6d. Pd. Robe. for 5 days 2s. 6d. 11. 6

Smithson's charges with money given to workmen Pd. Smithsonns charges, both for himself, and proven[der] for his horse, since the first begin of the work unto this day Mr. Lukin being there twice 8s.

Money given to a workman Pd. the brickman that came from Wollaton as given by master per me 2s. 6d. 10. 6

Summa totalis £ 9. 7. 11

Summa of these two £24. 11s. 2d.

3. The workmen's bill for Boulsover work from the 23th of January unto the 6th of February 1612.

Free masons' work done at Shutellwode quarry Pd. Goodwin Baram and their fellows for working of 226 foot of axed ashlar at 1½d. the foot 28s. 4d. Pd. them more for working of 70 foot of axed stepte at 2½d. the foot 14s. 7d. Pd. them more for 43 foot of ground table at 3d. the foot 10s. 11d. Pd. them more for 92 foot of door jamb at 4½d. the foot 34s. 2d. Pd. them for 34 foot of axed paving at 1½d. the foot 4s. 3d. 4. 12. 3

£ s. d.

Rough stone gotten and baring of Shutellwode quarry. Pd. the labourers at Shutellwode for getting of 464 foot of rough stone at 1d. half farthing the foot 43. 6

Workmen at making of the lime kiln Pd. Raffell for 8 days 8s. Pd. Tho. Rafell for 8½ days 7s. 1d. Pd. Ouldalle for 4 days 4s. 19. 1

Wall stone scappled at both quarries Pd. Denes Mason and Stancall for scappling of 10 rood of wall stone at 12d. the rood 10s.

Carpenter's work for making of barrows Pd. the carpenter for making 4 wheelbarrows and 4 hand barrows for the quarries 7s. 6d. 17. 6

Labourers at making of the way into the Castle and foundation. Pd. Slacke for 9 days 4s. 6d. Pd. Boulde for 9 days 4s. 6d. Pd. Otter for 9 days 4s. 6d. Pd. Lvnne[1] for 9 days 4s. 6d. Pd. Smalle[2] for 9 days 4s. 6d. 22. 6

Labourers at taking down of the old wall Pd. Cristo. Slater for 8 days 4s. Pd. Patri Slater for 3 days 18d. Pd. Margereson for 5 days 2s. 6d. 8. 0

Labourers at the lime kiln Pd. Turner for 10 days 5s. Pd. Wilson for 6 days 3s. Pd. Gorson for 7 days 3s. 6d. Pd. Sparke for 10 days 3s. 4d. 14. 10

Labourers at getting of rough stone at the Town quarry Pd. Fleminge for 9 days 4s. 6d. Pd. Duckmanton for 9 days 4s. 6d. Pd. Rodes for 9 days 4s. 6d. Pd. Lvnne for 9 days 4s. 6d. Pd. Smalle for 9 days 4s. 6d. 22. 6

Smith's work done for both quarries Pd. the smith for making of new quarry tools and for mending of other at both the quarries 8s. 9d.

Smithsones charges for himself and his horse Pd. Smithson for 6 meals for himself at 4d. 2s. Pd. for proven. for his horse 12d. 3s. 11. 9

Summa totalis £ 12. 11. 11

Summa totalis £37 3s. 1d.

4. The workmen's bill for Boulsover work from the 6th of February unto the 20th of February 1612.

Free masons' work done at Shutelwod quarry Pd. Shawe Baram Goodwin and their fellows for 405 foot of ashlar at 1½d. the foot £2. 10s. 7d. Pd. more for 64 foot of axed paving at 1½d. the foot 8s. Pd. more for 80 foot of ground table at 3d. the foot 20s. Pd. more for 27 foot of door jamb at 4½d. the foot 10s. 1½d. Pd. them more for 66 foot of axed stepte at 2½d. the foot 13s. 9d. Pd. more for 33 foot of chimney jamb at 3½d. the foot 9s. 7½d. Pd. more for 18 foot of window stuff at 5d. the foot 7s. 6d. 5. 19. 7

13 or 1½ this time at get[ting] stone at the quarry Pd. the labourers at Shuttellwode quarry for getting of 696 foot of rough stone and for baring at 1d. half farthing the foot 3. 5. 3

Stone scappled at Shutelwod quarry Pd. Meatam for scappling of 5 rood at Shuttell. at 18d. the rood 7s. 6d. Pd. Stancall for 2 rood at 18d. at Shuttellwoode 3s.

[1] 'Robe' above the line.
[2] 'harde' above the line.

£ s. d.

Stone scappled at the Town quarry. Pd. Denese Mason and his fellows for scappling of 33 rood at the Town quarry at 18d. the rood 49s. 6d. 3. 0. 0

Workmen at the lime kiln and scappling of arch stone Pd. Raffell for 11 days 11s. Pd. Ouldalle for 8½ days 8s. 6d. Pd. Tho. Raffell for 10 days 8s. 4d. 27. 10

Labourers at getting stone at the Town quarry Pd. Duckmanton for 6 days 3s. Pd. Smalle for 11 days 5s. 6d. Pd. Rodes for 11½ days 5s. 9d. Pd. Lvnne for 11½ days 5s. 9d. Pd. Otter for 11½ days 5s. 9d. Pd. Mason for 5 days 2s. 6d. Pd. Garforde for 8½ days 3s. 6½d. 31. 9

Labourers at taking down of the old wall and some time at the spring against the Castle Pd. Slacke for 11½ days 5s. 9d. Pd. Slater for 5 days 2s. 6d. Pd. Hardye for 11½ days 5s. 9d. Pd. Robe. for 11½ days 5s. 9d. Pd. Laufitte for 11½ days 5s. 9d. Pd. Turner for 7½ days 3s. 9d. Pd. Boulde for 11½ days 5s. 9d. Pd. Gorson for 11½ days 5s. 9d. Pd. Sparke for 11½ days 3s. 10d. 44. 7

Women and boys at the taking down of the old walls Pd. Marye Welles and other women for 100 days' work at 3d. the day 25s. Pd. more to others for 23 days at 2d. the day 3s. 10d. 28. 10

Task work at spring and Castle. Pd. Jo. Spittellhouse for 8 days at the spring against the Castle 6s. 4d. Pd. Slatter for taking down one piece of the great wall 5s. 11. 4

Punch wood for the spring Pd. the carpenter for fitting of punch wood for the spring 18d.

Carriage of clay and limestone getting Pd. to Bucher and Kichen for the carriage of 23 loads of clay to the lime kiln 9s. 7d. Pd. for the getting of 60 loads of limestone at 3d. the load 15s.

Smythson's charges Pd. Smithson for the charges both of himself and his horse 2s. 8d. 28. 9

Summa totalis £ 20. 17. 11

Summa totalis £58. 1s.

5. The workmen's bill for Boulsover work, from the 20th of February unto the 6th of March 1612.

Free masons' work done at Shuttelwo. quarry Pd. Goodwin Baram and the rest for wor[king] on 56½ foot of window stuff at 5d. the foot 23s. 6½d. Pd. them for 38 foot of door jamb at 4½d. the foot 14s. 3d. Pd. them more for 107 foot of ground table at 3d. the foot 26s. 9d. Pd. them more for 419 foot of ashlar at 1½d. the foot £2. 12s. 4½d. Pd. them for 47 foot of paving at 1½d. the foot 5s. 10½d. 6. 2. 9½

Rough stone gotten at Shutellwode quarry Pd. the labourers at Shuttellwode quarry for getting of 667 foot of rough stone at 1¼d. the foot 3. 9. 4

15 labourers this fortnight
50 rood of wall stone scappled at this pay at Shuttellwod Pd. Meatam for scappling of 18 rood of wall stone at 18d. the rood 27s. Pd. Leptrote for 7½ rood 10s. 6d. Pd. Stancall for 8 rood 12s. Pd. Mason for 9 rood 13s. 6d. Pd. Reade for 8 rood 12s. 3. 15. 0

£ s. d.

Arch stone and wall stone scappled at Castle and at the lime kiln Pd. Raffell for 9½ days 9s. 6d. Pd. Tho. Raffell for 11 days 9s. 2d. Pd. Ouldalle for 10 days 10s. 28. 8

Task work done at lime kiln and the foundation Pd. Turner for finishing of his task of levelling the lime kiln 3s. Pd. Slatter for pulling down of part of the old wall. 6s. 8d. Pd. Spitellhouse for casting of one rood of the foundation 6s. 15. 8

Labourers at baring and getting of stone at the Town quarry Pd. Mason for 10 days at 7d. 5s. 10d. Pd. Smalle for 10 days at 6d. 5s. Pd. Lvnne for 10 days 5s. Pd. Otter for 9 days 4s. 6d. Pd. Yeavlee for 10 days 5s. Pd. Garforde for 7 days at 5d. 2s. 11d. Pd. Berre for 4 days 2s. 30. 3

For making of wheel barrows and hods with other necessaries Pd. Chester for 6 days at 10d. 5s. Pd. his boy for 6 days at 5d. 2s. 6d. Pd. Robenson and his son for sawing of planks for wheel barrows 4s. 6d. 12. 0

Labourers at digging of the foundation and casting of each Pd. Slacke for 11 days 5s. 6d. Pd. Slater for one day 7d. Pd. Robe. for 10 days 5s. Pd. Hardye for 11½ days 5s. 9d. Pd. Lauffett for 9½ days 4s. 9d. Pd. Rogers for 7 days 3s. 6d. Pd. Turner for 9 days 4s. 6d. 29. 7

Labourers at the lime kiln Pd. Boulde for 8 days 4s. Pd. Gorson for 10½ days 5s. 3d. Pd. Sparke for 10 days 3s. 4d. Pd. Yeavelee for 8 days 2s. 8d. 15. 3

Women and boys at the carriage of earth and stone out of the foundations Pd. Mariate and Godlye for 20 days 5s. Pd. Wynter and Rogers for 16 days 4s. Pd. Kichen and Barber for 13 days 3s. 3d. Pd. Godlye and Werewick 19 days 4s. 9d. Pd. Breden and Bruckfeeld 17 days 4s. 3d. Pd. Hogeskinson and Robe wiffe 10 days 2s. 6d. Pd. Yeavlee and Breeden for 10 days 2s. 6d. 26. 3

Wenches and boys at the foundation Pd. Hides and Godlye for 19 days at 2d. 3s. 2d. Pd. Hill and Breeden for 16 days at 2d. 2s. 8d. Pd. Kichen for 10 days 20d. 7. 6

Getting of lime stone and carriage of the same Pd. for the getting of 60 load of limestone at 3d. the load 15s. Pd. to Claye for the carriage of 20 load of limestone at 5d. the load 8s. 4d. 23. 4

Smithson's charges. Pd. Smithson for his charges for 6 meals 2s. For proven for his horse for the same time 12d. 3. 0

Summa totalis £ 22. 18. 7

Summa totalis £80. 19s. 7d.

6. The workmen's bill for Boulsover work from the 6th of March unto the 20th of March 1613.

Free masons' work done at Shuttelwod quarry Pd. Goodwin Baram and their fellows for wor[king] 526 foot of ashlar at 1½d. £3. 5s. 9d. Pd. them more for 38½ foot of ground table at 3d. the foot 9s. 7½d. Pd. for 4 foot of stepte at 2½d. 10d. Pd. for 4 foot of chimney jamb at 3½d. the foot 14d. Pd. them for 39 foot of perpen[dicular] door jamb at 5½d. the foot 17s. 10d. Pd. for 46 foot of window stuff at 5d. the foot 19s. 2d. 5. 14. 4

£ s. d.

13 men at the quarry at getting stone this pay Pd. the quarrymen for getting of 657 foot of rough stone at 1½d. the foot 2. 19. 9

Stone scappled at Shutelwod quarry Pd. Leptrote Roylles and their fellows for scappling of 32 rood of wall stone at 18d. the rood 48s.

Stone scappled at the Town quarry Pd. Denes Mason and his fellows for scappling of 8 roods of wall stone at the Town quarry 12s. 3. 0. 0

Masons and layers at the lime kiln and scappling Pd. Raffell for 11 days 11s. Pd. Ouldalle for 11 days 11s. Pd. Tho. Raffell for 10 days 8s. 4d.

Carpenters at making of hods and other necessaries Pd. Chester for 12 days 10s. Pd. his boy for 12 days 5s. 45. 4

Labourers at baring and getting stone at the Town quarry Pd. Mason for 10 days at 7d. 5s. 10d. Pd. Denes Mason for 2 days 12d. Pd. Bucher for 4 days 2s. Pd. Reade for 11 days 5s. 6d. Pd. Smalle for 11½ days 5s. 9d. Pd. Lvnne for 12 days 6s.

Reade 11 days at this work at 10d. the day Pd. Arthure Reade for scappling of stone and 'derecktinge' of the quarry 9s. 2d. Pd. Garforde for 10 days at 5d. 4s. 2d. 39. 5

Labourers' days' work at digging of the foundation Pd. Spittelhouse and Slater for 2 days work at the foundation 15d. Pd. to Slacke Robe. and 7 other of their fellows for 70 days at the foundation at 6d. the day 35s. Pd. to Gorson and Sparke for 19 days at 6d. and 4d. 9s. 2d. 45. 5

The setting of the lime kiln Pd. Wilson for one day at setting of the lime kiln 10d. Pd. 6 women for helping him at the same work 2s. 2. 10

Labourers at carrying of earth from the foundation and sand to the lime kiln Pd. Godlye wiffe and Welles wiffe and 16 other of their fellows for 133 days at the foundation at 3d. 33s. 3d. Pd. Godlye and Kichen with 4 more of their fellows for 28 days at 2d. 4s. 8d. 37. 11

Task work done at the casting of the foundation Pd. Derbye and Rogers for digging and casting of 2 rood of the foundation 12s. Pd. Spittellhouse and Slatter for 2 rood of the foundation 12s. Pd. Turner and Boulde for 1 rood 5s. 6d. 29. 6

Carriage of lime stone Pd. Claye and his fellows for the carriage of 105 loads of lime stone 43s. 9d.

Carriage of coals Pd. him more for the carriage of roo[ks] of coals 8s.

Coals for the lime kiln Pd. the colliers for 6 rooks of coals for the lime kiln 18s. 3. 9. 9

Breaking of lime stone Pd. Wilson for breaking of 40 load of lime stone 5s. 4d.

Cast work in the foundation Pd. Spittellhouse and Slatter in preste of their task of the foundation 10s. Pd. the carpenter for sawing of planks for trestles 2s. 2d.

Necessary provisions for 'hodes' Pd. for 22 sise boards for hoods and trowes for the building 7s. 4d. 24. 10

£ s. d.

Smith's work for divers necessaries for the building as may appear Pd. the smith of Boulsover for making of divers new tools for Shuttell woode quarry and the Town quarry and divers necessaries for hoodes and wheel barrows with guchenes and handelles for the well and nails for all uses as by his particular bill may appear for the same 25s.

Hurdles for scaffolds Pd. Lee for making of 5 dozen of hurdles for the scaffolds 11s. 10d.

Smithson's charges at Boulsover Pd. Smythsonn for his charge for 8 meals 2s. 8d. Pd. for proven for his horse for the same time 16d. 40. 10

Summa totalis £ 28. 9. 11

Summa totalis £109. 9s. 6d.

7. The workmen's bill for Boulsover work from the 20th of March unto the 3th of April 1613.

Free masons' work done at Shuttellwo quarry Pd. Goodwin Baram and their fellows for working 35 foot of window stuff at 5d. 14s. 7d. Pd. them for 77¼ foot of legmente table at 3½d. the foot 22s. 6d. Pd. for 43½ foot of ground table at 3d. the foot 10s. 10½d. Pd. for 32 foot of stepte at 2½d. the foot 6s. 8d. Pd. them for 46 foot of paving at 1½d. the foot 5s. 9d. Pd. 397 foot of ashlar at 1½d. 49s. 7½d. 5. 9. 11

8 labourers at getting of rough stone at Shuttelwod quarry Pd. the quarrymen for getting of 610 foot of rough stone at ¾d. 38. 3

Wall stone scappled at Shuttellwode quarry Pd. Meatan for 5 rood at 18d. 7s. 6d. Pd. Shore for 15 rood 22s. 6d. Pd. Stancall for 8 rood 12s. 42. 0

Layers at scappling of arch stone for arches Pd. Raffell for 9 days 9s. Pd. Ouldalle for 9 days 9s. Pd. Tho. Johnson for 9½ days 7s. 11d. Pd. Reade for 3 days at 10d. 2s. 6d. Pd. his boy for 3 days 18d. Pd. Royles boy for one day 4d. 30. 3

Wall stone scappled at the Town quarry Pd. Mason for 7 rood 10s. 6d. Pd. Roylles for 10 rood 15s. Pd. Allen for 8 rood 12s. Pd. Reade for 5 rood 7s. 6d. Pd. Stansall for one rood 18d. 46. 6

Labourers at getting of wall stone at the Town quarry Pd. Henrye Mason for 10 days 5s. 10d. Pd. Wildesmithe for 10 days 5s. Pd. Wilson for 9 days 4s. 6d. Pd. Lyme for 10 days 5s. Pd. Yeavlee for 10 days 5s. Pd. Garforde for 7 days 2s. 11d. Pd. Adamson for 8 days 4s. Pd. Bucher for one day 4d. Pd. Slatter for 3 days 21d. 34. 4

Carpenter's work at making of barrows hods and other necessaries Pd. Chester for 10 days 8s. 4d. Pd. his boy for 10 days 4s. 2d. 12. 6

Labourers at the foundation at digging and casting of earth Pd. Spittellhouse for 3 days 2s. Pd. Slatter for 3 days 21d. Pd. Turner for 6 days 3s. Pd. Boulde for 6 days 3s. Pd. Lauffite for 9 days 4s. 6d. Pd. Robe for 9 days 4s. 6d. Pd. Otter for 11 days 5s. 6d. Pd. Yeavelee for 10 days 2s. 6d. Pd. Sparke for 10 days 3s. 4d. Pd. Smalle for 10 days 5s. 35. 1

£ s. d.

The lime burner and women both at the lime kiln and at the foundation Pd. Willsson for 3½ days 2s. 11d. Pd. 2 Breedens for 18 days 4s. 6d. Pd. 2 Wynters for 9 days 2s. 3d. Pd. 2 Robensones for 14 days 3s. 6d. Pd. Miller and Welles for 13 days 3s. 3d. Pd. Shipston and Hogkinson 14 days 3s. 6d. Pd. Bruckefeelde and Willson for 7 21d. Pd. Yeavlee for 10 days 2s. 6d. 24. 2

Task work in digging of the foundation Pd. Spittellhouse, Slatter, Turner and Boulde for their task of digging and carrying away of one part of the foundation 23s. 6d.

Hurdles and other necessaries for the use of the building Pd. Lee for making of 3 dozen of hurdles for the scaffolds 6s. 6d. Pd. for 15 syse boards for the making of hods and mortar tupes 6s. Pd. for 6 bowls for water 18d. Pd. 2 bucket for the draw well 20d. 39. 2

Lime stone getting and breaking Pd. Willson for getting of 33 load of lime stone at 3d. 8s. 3d. Pd. Wilson and Rogers for breaking of 60 load of lime stone 8s. 16. 3

Carriage of lime stone and coals to the lime kiln Pd. Claye for the carriage of 27 loads of lime stone at 5d. 11s. 3d. Pd. him for the carriage of 9 load of coals and 1 load of wood for the lime kiln 10s. 6d.

Coals for the lime kiln Pd. the colliers for 7 load of coals for the lime kiln 21s. 42. 9

The smith's work for divers necessaries for the building Pd. the smith of Boulsover for mending and making of quarry tools for nails of all sorts hod plates and tube plates and iron for the buckets and divers other necessaries as by his particular bill may appear 23s. 8d.

Smythson's charges Pd. Smithson for himself for 5 meals 20d. for his horse for the same time 18d.; 3s. 2d. 26. 10

Summa totalis £ 24. 18. 0

Summa totalis £134. 7s. 6d.

8. The workmen's bill for Boulsover work from the 2th of April unto the 17th of April 1613.

Free masons' work done at Shuttellwod quarry Pd. Good[win] Baram and his fellows for working of 213 foot of ashlar at 1½d. 27s. 7d. Pd. them for 54 foot of paving at 1½d. 6s. 9d. Pd. them for 48 foot of legmente table at 3½d. the foot 14s. 2d. Pd. them for 23 foot of window stuff at 5d. the [foot] 9s. 7d. Pd. them for 6 arch stones for the kitchen ranges 4s. 6d.

The 1 corbell stone wrought Pd. for one corbell stone 2s. 4d. Pd. for 15 foot of axed steepte at 2½d. the foot 3s. 3. 6. 10

10 labourers at getting of free stone and wall stone at Shutll quarry Pd. the labourers at Shuttellwoode quarry for getting of 367 foot of stone and baring of the quarry at 1¼d. the foot 38s. 4d. Pd. them for the bearing out of wall stone out of the quarry to the scapplers 6s. 44. 4

Wall stone scappled at the Town quarry Pd. Leptrote for 5 rood 7s. 6d. Pd. Royle for 7 rood 10s. 6d. Pd. Reade for 12 rood 16s. Read was abated for bad scappling.

Shuttellwode Pd. Shore for 6 rood 9s. 43. 0

£ s. d.

Layers at the foundation 5 in number Pd. Raffell for 10 days 10s. Pd. Ouldalle for 9 days 9s. Pd. Tho. Johnson for 9½ days 7s. 11d. Pd. Leptrote for 4 days 4s. Pd. Royle for 4 days 4s. 34. 11

Labourers at getting of wall stone at the Town quarry Pd. Mason for 10 days at 7d. 5s. 10d. Pd. Lvnne for 9½ days 4s. 9d. Pd. Rowbothom for 6 days 3s. Pd. Garforde for 10 days 4s. 2d. 17. 9

The lime burner and women both at lime kiln and at the foundation Pd. Willson for 11 days at lime kiln at 10d. the day 9s. 2d. Pd. the 2 Breedens for 16 days 4s. Pd. the 2 Robensons for 17 days 4s. 3d. Pd. Shipston and Willson for 21 days 5s. 3d. Pd. Hogskinson and Yevlee for 21 days 5s. 3d. 27. 11

Labourers at serving the layers and harling of lime Pd. Turner for 10½ days 5s. 3d. Pd. Robe. for 9 days 4s. 6d. Pd. Boulde for 10½ days 5s. 3d. Pd. Otter for 11 days 5s. 6d. Pd. Willson for 8 days 4s.

4 labourers at drawing of water for lime Pd. Laufitte for 8 days 4s. Pd. Smalle for 10½ days 5s. 3d. Pd. Wildesmithe for 8½ days 4s. 3d. Pd. Wm. Yeavlee for 11 days 5s. 6d.

Boys at the sifting of lime Pd. Tho. Yeavlee for 10 days 3s. 4d. Pd. Sparke for 10 days 3s. 4d. Pd. Rodes for 6 days 18d. 51. 8

Wood for hurdles and scaffolds Pd. to Mr. Perpoyntes 'baylye' of Skartcliffe Park for wood that made eight dozen of 'fleakes' for scaffolds 10s. Pd. for the carriage of those 'fleakes' home being four load 6s. 16. 0

Carriage of lime stone and coals for the lime kiln Pd. for 15 load of coals for the lime kiln at 3s. the load 45s. Pd. for the carriage of those coals from the pits to the lime kiln 18s. 3. 3. 0

Carriage of oven stone Pd. for the carriage of 4 load of oven stone from the More 3s. 4d.

Lime stone getting and breaking Pd. for getting of 30 load of lime stone at 2½d. the load 6s. 3d. Pd. for breaking of 36 load of lime stone at 2s. 8d. the score 4s. 8d.

Carriage of lime stone Pd. for the carriage of 8 load of lime stone at 5d. the load 3s. 4d.

Planks for trestle board Pd. to Robenson and his man for sawing of trestles 4s. 6d.

'Coulles' for water Pd. for 4 'covlles' for the bearing of water 8s. Pd. for 2 shovels for the sifting of lime 2s. 4d.

Ropes for the well Pd. for 2 well ropes for the well for the drawing of water 8s. 40. 5

Smith's work for the repair of quarry tools Pd. the smith of Boulsover for mending of the quarry tools and making of other new tools and divers other necessaries for the buildings as by his particular bill may appear 6s. 1d.

Smithson's charges Pd. Smithson for his charges for 10 meals 3s. 4d. Pd. for proven for his horse for the same time 2s. 11. 5

Summa totalis £ 20. 17. 3

Summa totalis £155. 4s. 9d.

£ s. d.

9. The workmen's bill for Boulsover work from the 17th of April unto the 30th of April 1613.

Free masons' work done at Shuttellwo, quarry Pd. Goodwin Baram and their fellows for 264 foot of ashlar at 1½d. the foot 33s. Pd. them for 23 foot of paving at 1½d. the foot 2s. 10d. Pd. them for 27 foot of axed stepte at 2½d. the foot 5s. 7d. Pd. for 10 foot of window stuff at 5d. the foot 4s. 2d. Pd. for 6 corbelles for the vaults at 2s. the corbell 12s. Pd. for 4 'angell' stones for the same vault 4s. Pd. for 16 arch stones for the kitchen ranges at 8d. the stone 10s. 8d. Pd. them for 30 foot of legmente table at 3½d. the foot 8s. 9d. Pd. for scappling of inner coynes for the inside of the house 3s. 4. 4. 0

7 men la[bourers] rough stone and wall stone gotten at Shutelwod quarry Pd. to John Sidowe and other of his fellows for getting of 370 foot of stone and baring of the quarry at 1¼d. the foot 38. 6

Wall stone scappled at Shuttelwood Pd. Royle Leptrote and Shore for scappling of 13½ rood wall stone 20s. 3d.

Wall stone scappled at the Town quarry Pd. Reade and Allen for scappling of 10 rood of wall stone 15s. Rede Shore and others for scappling of rough coynes for the foundation 5s. 6d. 40. 9

Layers at the foundation and walls Pd. Raffell for 10½ days 10s. 6d. Pd. Ouldalle for 10½ days 10s. 6d. Pd. Tho. Johnson for 10½ days 8s. 9d. Pd. Leptrote for 10 days 10s. Pd. Royles for 7½ days 7s. 6d. Pd. Edwarde Meatam for 4½ days 4s. 6d. Pd. Jo. Meatam for 4½ days 3s. 9d. Pd. Marshall for 9½ days 9s. 6d. 3. 5. 0

Carpenters and scaffolding and centres Pd. Chester for 11 days 9s. 2d. Pd. his boy for 11½ days 4s. 9d. 13. 11

Labourers at getting stone at the Town quarry Pd. Mason for 8 days 4s. 8d. Pd. Rowson for 6 days 3s. Pd. Garford for 4 days 20d. Pd. Reade for 4 days 20d. 11. 0

Lime burner at the lime kiln Pd. Willson for 4½ days 3s. 9d. Pd. Norwode for 11½ days 6s. 8d. 10. 5

Labourers at serving of the layers at the foundation Pd. Turner for 12 days 6s. Pd. Boulde for 11 days 5s. 6d. Pd. Smalle for 10½ days 5s. 3d. Pd. Sidowe for 10½ days 3s. 6d. Pd. Sparke for 11 days 3s. 8d. 23. 11

Labourers at tempering of mortar and sifting and harling of lime Pd. Robe. for 12 days 6s. Pd. Otter for 11 days 5s. 6d. Pd. Wilson for 12 days 6s. Pd. Yeavlee for 12 days 6s. 23. 6

Sifting sand and sleckinge of lime Pd. Lauffite for 9½ days 4s. 9d. Pd. Tho. Yevlee for 12 days 4s. 8. 9

5 labourers at drawing and carrying of water Pd. Wyldesmithe for 9 days at 7d. 5s. 3d. Pd. Wilken for 11½ days 5s. 9d. Pd. Borten for 7 days 3s. 6d. Pd. Lvnne for 12 days 6s. Pd. Rodes for 12 days 3s. 23. 6

6 women at the lime kiln Pd. Miller and Robenson for 19 days 6s. 4d. Pd. Robenson and Yeavle for 25 days 8s. 4d. Pd. Shipston and Hogskinson for 21 days 7s. 21. 8

£ s. d.

Women and boys at the foundation serving layers Pd. Breeden and Kichen for 18 days 4s. 6d. Pd. Willson for 4 days 12d. Pd. Kichen and Robartes for 17 days 2s. 10d. 8. 4

The getting and breaking of lime stone at the Castle for the lime kiln Pd. Dowman and his fellows for getting of 3 score load of lime stone at 2½d. 12s. 6d. Pd. Croper and Rogers for breaking of 5 score load of lime stone at 1½d. the load 12s. 6d. 25. 0

Carriage of lime stone and sand and oven stone from the More Pd. Shemell Claye and Rowson for the carriage of 73 load of lime stone at 5d. the load 30s. 5d. Pd. Rowson for the carriage of 4 loads of sand at 8d. 2s. 8d. Pd. Shemell Rowson and Claye for the carriage of 6 load of oven stone from the More 5s. 38. 1

Carriage of stone from Shuttellwode and coals for the lime kiln Pd. Shemell and Claye for 13 load of stone from Shuttellwode 15s. 2d. Pd. them more for the carriage of 17 load of coals for the lime kiln at 14d. the load 19s. 10d. 35. 0

Coals for the lime kiln Pd. Rennouldes the collier for 15 loads of coals for the lime kiln at 3s. the load 45s.

Smith's work for divers necessaries for the building Pd. the smith of Norten for 5 pair of door hooks 5s. Pd. the smith of Boulsover for the making of 6 new wedges and repairing of both the quarry tools with other necessaries 4s. 1d. 54. 1

Smithson's charges Pd. for Smythson's charges for himself for 5 meals 20d. for proven for his horse for the same time 12d. 2. 8

Summa totalis £ 26. 8. 1

Summa totalis £181. 12. 10d.

10. The workmen's bill for Boulsover work from the 30th of April unto the 15th of May 1613.

Free masons' work done at Shuttellwod quarry Pd. Goodwin Baram and their fellows for 10 foot of window stuff at 5d. 4s. 2d. Pd. them for 13 foot of legmente table at 3½d. the foot 3s. 9d. Pd. them for 6 corbels for the kitchen and larder 12s. Pd. for 7 quarter stones for the same corbels 7s. Pd. for 11 foot of straight axed stepte at 2½d. the foot 2s. 4½d. Pd. for 15½ foot of winding stepte at 3d. the foot 3s. 10½d. Pd. for 128 foot of ashlar at 1½d. 16s. Pd. for 39 foot of paving at 1½d. 4s. 10d. 2. 14. 0

6 labourers getting of rough stone for the masons at Shuttellwod quarry Pd. the labourers at Shuttellwode quarry for getting of 300 foot of rough stone at 1½d. 31s. 3d.

3 labourers at this work Pd. them more for the baring of the quarry and carrying out of wall stone to the scapplers 11s. 3d. 42. 6

Stone scappled at Shuttellwod quarry Pd. Shore for scappling of 6 rood 9s. Pd. Royles for 4 rood 6s. 15. 0

Masons and layers at the foundation and walls at Castle Pd. Raffell for 10 days 10s. Pd. Ouldalle for 5 days 5s. Pd. Tho. Raffell for 11 days 9s. 2d. Pd. Ed. Meatan for 11 days 11s. Pd. Leptrote for 11 days 11s. Pd. Royles for 9 days 9s. Pd. Marshall for 10½ days 10s. 6d. Pd. Meatam's man for 11 days 9s. 2d. 3. 14. 10

£ s. d.

Dressing oven stone at the More Pd. Reade for 6 days 5s. Pd. his boy 5 days 2s. 6d. 7. 6

Carpenters at centres and scaffolds Pd. Chester for 11 days 9s. 2d. Pd. his boy for 11 days 4s. 7d. 13. 9

The lime burner and 6 women at the lime kiln and the foundation Pd. Norwode for 11 days 6s. 5d. Pd. Robenson and Yevlee for 22 days 7s. 4d. Pd. Miller and Hoginson for 21 days 7s. Pd. Kichen and Breeden for 20 days 6s. 8d. 27. 5

2 labourers at drawing of water Pd. Wildesmithe for 11 days at 8d. 7s. 4d. Pd. Wilken for 11 days 7s. 4d. 14. 8

Labourers at sifting and harling and tempering of lime for the work Pd. Robe for 11 days 5s. 6d. Pd. Otter for 11 days 5s. 6d. Pd. Willson for 11 days 5s. 6d. Pd. Yevlee for 11 days 5s. 6d. Pd. Laufett for 9½ days 4s. 9d. 26. 9

Labourers at serving of layers and carrying of sand to the lime Pd. Turner for 10 days 5s. Pd. Smalle for 11 days 5s. 6d. Pd. Boulde for 11 days 5s. 6d. Pd. Lvnne for 11 days 5s. 6d. Pd. Greene for 11 days 5s. 6d. Pd. Morten 2½ days 15d. Pd. Rodes for 11 days 3s. 8d. Pd. Sparke for 4 days 16d. Pd. Yeavllee for 11 days 3s. 8d. Pd. Sydowe for 9 days 3s. Pd. Waites for 4 days 12d. Pd. Rowson for 4 days 12d. Pd. Kichen for 11 days at 2d. 22d. 43. 9

Women at the foundation and carriage of filling stone and sand Pd. Shipston and Robenson for 22 days 7s. 4d. Pd. Rodes and other Robenson for 18 days 6s. Pd. Stevenson and the other Breeden for 10 days 3s. 4d. Pd. Fleeminge for 9 days 3s. 19. 8

Carriage of stone from Shutellwode quarry Pd. Henrye Stathem and his fellows for the carriage of 45 load of stone from Shuttellwode quarry 45s.

Getting and breaking of lime stone Pd. to Dowman and his fellows for getting of 60 load of lime stone at 2½d. the foot 12s. 6d. Pd. Rogers and others for breaking of 60 load of lime stone at 1½d. the load 7s. 6d. 3. 5. 0

Stone led from pinfold to Castle Pd. Stathem and his fellows for the carriage of 33 load of stone from the Castle ditch to the Castle 7s.

Carriage of coals Pd. for the carriage of 15 load of coals for the lime kiln 17s. 6d.

Coals for the lime kiln Pd. the colliers for 15 load of coals for the lime kiln at 3s. 45s. 3. 9. 6

Carriage of sand Pd. Rawson for the carriage of 7 load of sand 4s. 8d.

Labourers in task at digging the foundation Pd. Slater and his fellows for digging of part of the foundation 12s. Pd. to Rogers and Whalehouse for digging of part of the foundations 2s. 6d. 19. 2

Carriage of lime stone Pd. for the carriage of 29 load of lime stone 12s. 1d.

Smithson's charge Pd. Smithsonn for his charges for 9 meals 3s. For proven for his horse for the same time 6d. 15. 7

Summa totalis £ 25. 9. 1

Summa totalis £207. 1. 11d.

£ s. d.

11. The workmen's bill for Boulsover work from the 15th of May unto the 29th of May 1613.

Free masons' work done at Shuttellwode quarry Pd. Goodwin Baram and their fellows for work[ing] 112 foot of ashlar at 1½d. 14s. Pd. for 57 foot of paving at 1½d. 7s. 1d. Pd. for 24½ foot of axed stepte at 2½d. 5s. 1d. Pd. for 15 foot of window stuff at 5d. 6s. 3d. Pd. for 14 foot of door jamb at 4½d. 5s. 3d. Pd. for 4 foot of threshold for a door 12d. Pd. for 17 foot of chanell at 3d. 4s. 3d. Pd. for 7 arch stones for the pastrie range at 8d. the stone 4s. 8d. Pd. for one corbell for the larder 2s. Pd. for one 'angell' stone 12d. Pd. for 15 foot of legmente table at 3½d. the foot 4s. 4d. Pd. for one dresser window head 2s. 6d. 2. 17. 5

6 labourers at getting of stone at Shutt. quarry Pd. the labourers at Shutellwode for getting of 252 foot of stone at 1¼d. a foot 26s. 3d.

Wall stone scappled at Shuttellwode Pd. Shore and Royles boy for scappling of 8 rood of wall stone 12s. 38. 3

Masons and layers at the foundation Pd. Raffell for 9½ days 9s. 6d. Pd. Tho. Raffell for 8½ days 7s. 1d. Pd. Leptrote for 9 days 9s. Pd. Royle for 9 days 9s. Pd. Marshall for 5 days 5s. Pd. Meatam for 9 days 9s. Pd. Jo. Meattam for 9 days 9s. Pd. Meatam's man for 9 days 9s. Pd. Pallamon for 9 days 9s. 3. 15. 7

Carpenters at scaffolding and centres Pd. Chester for 9 days 7s. 6d. Pd. his boy for 9 days 3s. 9d. 11. 3

Labourers at sifting and harling of lime Pd. Robe for 10½ days 5s. 3d. Pd. Otter for 10½ days 5s. 3d. Pd. Wilson for 9½ days 4s. 9d. Pd. Yeavle for 10½ days 5s. 3d. 20. 6

Labourers at drawing and carrying water Pd. Wildesmithe for 9 days 6s. Pd. Wilkin for 10½ days 7s. 13. 0

Labourers at serving of the layers and at the foundation. Pd. Turner for 3 days 18d. Pd. Smalle for 6 days 3s. Pd. Lvnne for 10½ days 5s. 6d. Pd. Lauffitt for 5 days 2s. 6d. Pd. Greene for 10 days 5s. Pd. Haies for 10½ days 5s. 3d. Pd. Rodes 8 days 2s. 8d. Pd. Tho. Yeavlee for 10½ days 3s. 6d.

2 labourers at digging the foundation Pd. Adamson for 6 days at digging of the foundation 3s. 31. 11

Women at the foundation and carrying of sand Pd. Yeavlee and Robenson for 16½ days 5s. 6d. Pd. Ward and Shipstone for 16 days 5s. 4d. Pd. Breeden for 6 days 18d. Pd. Kichen for 8 days 16d. 13. 8

The limeburner and 6 women at the lime kiln Pd. Norwode for 8 days 4s. 8d. Robenson and Hogskinson for 16 days 5s. 4d. Pd. Kichen and Rodes for 16 days[1] 4s. 8d. Pd. Miller wiffe and sone Breeden for 17½ days 5s. 10d. 20. 6

Task work done in digging and casting of the foundation Pd. Slatter and his fellows for their task in digging of one part of the foundation 10s. 8d. Pd. Adamson and his fellows for their task in digging of the foundation in crose partitions 6s. 16. 8

[1] *3d.* and *4d.* written above the line.

£ s. d.

Carriage of stone from Shuttellwod lime stone and sand Pd. Henrye Stathem and his fellows for the carriage of 98 load of stone from Shutellwod £4. 18s. Pd. them more for 99 load of lime stone at 5d. the load 41s. 3d. Pd. Rawson for the carriage of 6 load of sand 4s. 7. 3. 3

Lime stone getting and breaking Pd. Rogers and his fellows for breaking of 43 load of lime stone at 1½d. the foot 5s. 4d. Pd. Bowlinge for getting of 20 load of lime stone at 2½d. 4s. 2d. 9. 6

Smith's work for divers necessaries to the use of the building Pd. Bowkett the smith of Norten for 7 pair of door hooks at 12d. the pair 7s. Pd. the smith of Boulsover for the repair of the quarry tools and divers other necessaries for the use of the building as by his particular bill may appear for the same 9s. 1d. 16. 1

Money given to the workmen Pd. the workmen that was given them by my master 13s. 4d.

Smithsones charges Pd. Smithson for himself for 9 meals 3s. 16. 4

Summa totalis £ 24. 3. 11

Summa totalis £231. 5s. 10d.

12. The workmen's bill for Boulsover work from the 29th of May unto the 12th of June 1613.

Free masons' work done at Shuttelwod quarry Pd. Goodwin Baram and their fellows for working of 124 foot of ashlar at 1½d. 15s. 6d. Pd. them for 66 foot of axed stepte at 2½d. 13s. 9d. Pd. them for 13 foot of legment table at 3d. the foot 3s. 9½d. Pd. them for 57 foot of window stuff at 5d. the foot 23s. 9d. Pd. for 19 foot of door jamb of the lesser mould at 4½d. 7s. 1½d. Pd. for one dresser window head for the 'pasterye' 2s. 6d. Pd. for 13 foot of channell for the kitchen at 3d. the foot 3s. 3d. Pd. for one springer for the vaults 2s. 3. 11. 8

7 labourers at rough stone at Shuttellwood quarry Pd. the labourers at Shuttellwode quarry for getting of 302 foot of rough stone at 1¼d. the foot 31s. 5d.

Wall stone scappled at Shutellwode quarry Pd. Shore for 6 rood 9s. Pd. Roylles for 5 rood 7s. 6d. 47. 11

Free masons and layers at the wall at the Castle Pd. Raffell for 11½ days 11s. 6d. Pd. Leptrote for 11 days 11s. Pd. Ouldalle for 11 days 12s. (*sic*). Pd. Royles for 12 days 12s. Pd. Marshall for 11½ days 11s. 6d. Pd. Meatam for 12 days 12s. Pd. Jo. Meatam for 12 days 12s. Pd. Maycoke for 12 days 10s. Pd. Tho. Johnson for 11½ days 9s. 6d. Pd. Pallaman for 12 days 12s. 5. 13. 6

Scaffolds and for the centres Pd. Chester for 12 days 10s. Pd. his boy for 12 days 5s. 15. 0

The lime burner and 6 women at the lime kiln Pd. Norwood for 11½ days 6s. 10d. Pd. Robenson and Woode for 23 days 7s. 8d. Pd. Robenson and Rodes for 23 days 7s. 8d. Pd. Miller wiffe for 11½ days 3s. 10d. Pd. Hogskinson for 8½ days 2s. 10d. 28. 10

2 labourers at bearing water Pd. Wildsmithe for 8½ days 6s. Pd. Wilken for 11½ days 7s. 4d.

£ s. d.

Labourers at sifting of lime and harling of mortar Pd. Robe for 12 days 6s. Pd. Otter for 12 days 6s. Pd. Willson for 11½ days 5s. 9d. Pd. Yevelee for 12 days 6s. 37. 1

Labourers at serving of the layers at the walls of the foundation Pd. Haies for 12 days 6s. Pd. Bruckefeelde for 12 days 6s. Pd. Grene for 12 days 6s. Pd. Johnson for 11½ days 5s. 9d. Pd. Wode for 11 days 5s. 6d. Pd. Lauffite for 9 days 4s. 6d. Pd. Boulde for 11 days 5s. 6d. 39. 3

Labourers at digging of the west side of the foundation Pd. Slater for 9½ days 5s. 6d. (*sic*). Pd. Rawson for 11 days 5s. 6d. Pd. Stevenson for 2 days 12d. Pd. Waytes for 7 days 3s. 6d. Pd. Bell for 2 days 12d. 16. 6

Boys at serving of layers at the foundation Pd. Rodes for 11½ days 3s. 10d. Pd. Yeavlee for 12 days 4s. Pd. Sparke for 12 days 4s. Pd. Kichen for 11 days 22d. 13. 8

Women and boys at the foundation Pd. Breed and Shiptone for 17 days 5s. 8d. Pd. Yeavle at 3d.[1] and Kichen at 2d.[1] for 23 days 6s. 6d. 12. 2

Lime stone getting and breaking and one sieve for lime Pd. Bollinge Dowman and Rogers for getting of four score load of lime stone at 2½d. the load 17s. Pd. for the breaking of 40 load of lime stone at 1½d. the load 5s. Pd. for one sieve for the sifting of lime for greate mortar 5d. 22. 5

Lime stone carriage and carriage of stone from Shutellwode quarry Pd. Henrye Stathem and Ralfe Souter and Roger Rowson for 87 load of stone from Shuttellwode to the Castle at 12d. £4. 7s. 0d. Pd. them for the carriage of 29 loads of lime stone from the field to the Castle at 5d. the load 12s. 1d. Pd. them for the carriage of 17 load of stone from the pinfold to the Castle at 3d. the load 4s. 3d. 5. 3. 4

Coals bought and carriage of them from the coal pits Pd. the colliers for 16 loads of coals for lime kiln at 3s. the load 48s. Pd. them for the carriage of these 16 loads of coals from the pits to the Castle 16s. 3. 4. 0

The smith's bill for divers necessaries for the work Pd. the smith of Boulsover for mending of the quarry tools and divers other work as by his particular bill may appear 3s. 4d.

Smithson's charges Pd. Smithson for his charges for 10 meals for himself 3s. 4d. 6. 8

Summa totalis £ 29. 12. 0

Summa totalis £260. 17s. 10d.

13. The workmen's bill for Boulsover work from the 12th of June unto the 26th of June 1613.

Free masons' work done at Shutellwoode quarry Pd. for working of 66 foot of ashlar at 1½d. the foot 8s. 3d. Pd. them more for 76½ foot of axed at 2½d. the foot 15s. 11d. Pd. for 48 foot of legmente table at 3½d. the foot 14s. Pd. for 3½ foot of ground table at 3d. the foot 10½d. Pd. for 28 foot of window stuff at 5d. the foot 11s. 8d. Pd. for 7 foot of window stuff at 4d. the foot 2s. 8d.

[1] Inserted above the line.

£ s. d.

Bases and other stuff for the pillar Pd. for 2 bases for the pillar of the great cellar 9s. Pd. for 4 foot of the pillar at 2s. 6d. the piece 10s. 0d.

Spout stone for the kitchen sink Pd. for one spoute stone for kitchen sink 14d. Pd. for 2 great stones for the kitchen sink 16d. 3. 14. 6

6 labourers at getting of rough stone at Shuttellwode quarry Pd. the labourers at Shuttellwode for getting of 261 foot of rough stone at 1¼d. the foot 26. 11

Wall stone scappled at Shuttellwood quarry Pd. Shore for scappling of 3 rood of wall stone 4s. 6d. Pd. Roylles for scappling of 3 rood of wall stone 4s. 6d. 9. 0

Free masons and layers at walls Pd. Raffell for 9½ days 9s. 6d. Pd. Symson for 8 days 8s. Pd. Leptrote for 10 days 10s. Pd. Royles for 7 days 7s. Pd. Ouldalle for 10½ days 10s. 6d. Pd. for Meattam for 11 days 11s. Pd. Ed. Meatam for 9 days 9s. Pd. Marshall for 6 days 6s. Pd. Tho. Raffell for 11 days 9s. 2d. Pd. Meacocke for 11 days 9s. 2d. Pd. Pallamon for 5 days 5s. 4. 14. 4

Scaffolders at the foundation Pd. Chester for 11 days 9s. 2d. Pd. his boy for 11 days 4s. 7d. 13. 9

Labourers at tempering of mortar Pd. Otter for 9½ days 4s. 9d. Pd. Robe for 8 days 4s. Pd. Haies for 10 days 5s. Pd. Bruckeffeelde for 9 days 4s. 6d.

Labourers at drawing and bearing water Pd. Greene for 10½ days 5s. 3d. Pd. Willken for 9½ days 6s. 4d. Pd. Wildsmithe for 8 days 5s. 4d.

Labourers at sifting and harling mortar Pd. Willson for 9 days at 7d. 5s. 3d. Pd. Yeavlee for 9½ days at 7d. 5s. 6d. Pd. Johnson for 8½ days 4s. 3d. Pd. Wode for one day 6d.

Labourers at serving of the layers Pd. Slater for 9 days 4s. 6d. Pd. Rawson for 7½ days 3s. 9d. Pd. Lauffett for 4 days at 6d. 2s. Pd. Boulde for 10½ days 5s. 3d. Pd. oulde Bell for 5½ days 2s. 9d. Pd. Wheates for 1 day 6d. Pd. Wm. Bell for 5½ days 2s. 9d. Pd. Webster for 5 days 2s. 6d. 3. 14. 8

The lime burner and women at the foundation Pd. Norwoode for 9 days at 7d. 5s. 3d. Pd. Hoginson and Rodes for 15 days 5s. Pd. Robinson and Warde for 17 days 5s. 8d. Pd. Robeinson and Miller for 17½ days 5s. 10d. Pd. Breeden and Yeavelee for 17 days 5s. 8d. Pd. Elyza. Yeavlee for 5 days 20d. Pd. Ellen. Kichen for 8½ days 2s. 1d. 31. 2

Boys at the foundation and carrying of sand Pd. Tho. Yeavlee for 8½ days 2s. 10d. Pd. Sparke for 10½ days 3s. 6d. Pd. Rodes for 9½ days 3s. 2d. Pd. Stevenson for 1 day 6d. Pd. Kichen for 6½ days 13d. 11. 1

Carriage of stone from Shuttellwod and lime stone and sand Pd. for the leading of 79 load of stone from the quarry unto the Castle £3. 19s. Pd. for carriage of 20 load of lime stone 8s. 4d. Pd. for the carriage of 21 load of sand leading 14s. 5. 1. 4

Getting of sand and lime stone. Pd. Rogers for getting of 30 load of sand 2s. 6d. Pd. for getting of 10 load of lime stone 2s. 10d. Pd. Slatter for digging of part of one portion of the foundation 8d. 6. 0

£ s. d.

Smith's work for quarry tools Pd. the smith for repairing of the quarry tools nails and other necessaries 3s. 3d.

[Hole in MS.—probably Smithson's charges for 9 meals] 3s. 6. 3

Summa totalis £ 22. 9. 0

Summa totalis £283. 6s. 10d.

14. The workmen's bill for Boulsover work from the 26th of June unto the 10th of July 1613.

Free mason work done at Shuttellwod quarry Pd. Goodwin and his fellows for working of 93 foot of ashlar 11s. 7½d. Pd. them for 13 foot of paving 19½d. Pd. for 41 foot of stepte at 2½d. the foot 8s. 7½d. Pd. for 19 foot of legmente table at 3½d. the foot 5s. 5d. Pd. them for 50 foot of ground table at 3d. the foot 12s. 6d. Pd. for 11 foot of window stuff 4s. 7d. Pd. them for 1½ foot of window stuff at 4½d. the foot 10½d. (*sic*) 45. 3½

Rough stone 'geate' at Shuttellwod quarry Pd. the labourers at Shuttellwod for getting of 306 foot of rough stone at 1¼d. 31. 10

Rough stone scappled at the quarry Pd. Royles boy for scappling of 5 rood of wall stone 7. 6

Free masons and layers at the walls Pd. Raffell for 10 days 10s. Pd. Symson for 7 days 7s. Pd. Lankester for 9 days 9s. Pd. Ouldalle for 10 days 10s. Pd. Leptrote for 11 days 11s. Pd. Royles for 9½ days 9s. 6d. Pd. Edwar[d] Meatam for 9 days 9s. Pd. Jo. Meatam for 10 days 10s. Pd. Tho. Johnson for 10 days 8s. 4d. Pd. Meacoke for 12 days 10s. 4. 13. 10

Scaffolder for scaffolding and centres Pd. Chester for 10 days 8s. 4d. Pd. Chester's boy for 10 days 4s. 2d. 12. 6

Labourers at tempering mortar and harling lime Pd. Otter for 8½ days 4s. 3d. Pd. Robe 7½ days 3s. 9d. Pd. Willson and Yeavlee for 16 days at 7d. the day 9s. 4d. 17. 4

Labourers at drawing of water Pd. Wildesmithe for 8½ days at 8d. 5s. 8d. Pd. Wilken for 2½ days at 8d. 20d.

Labourers at serving of the masons and layers Pd. Bruckeffeeld Rawson (*sic*) 7½ days 3s. 9d. Pd. Rawson for 8½ days at 4s. 3d. Pd. Greene for 10 days 5s. Pd. Hayes for 8½ days 4s. 3d. Pd. Slater 1½ days 10d. Pd. Boulde for 9 days 4s. 6d. 29. 11

Boys at serving of layers Pd. Sparke for 11 days 3s. 8d. Pd. Yeavlee for 9 days 3s. Pd. Kichen for 8½ days 16d. Pd. Rodes for 9½ days 3s. 2d. 11. 2

The lime burner and women at serving the layers with filling stone and carrying of sand to the lime kiln Pd. Norwood for 9 days at 7d. 5s. 3d. Pd. Rodes wiffe for 9 days 3s. Pd. Alse Robenson for 9 days 3s. Pd. Miller wiffe for 9 days 3s. Pd. Margerye Warde for 9 days 3s. Pd. Marye Robenson for 9 days 3s. Pd. Yeavlee wiffe for 9½ days 3s. (*sic*). Pd. Bese Yeavlee for 5 days 20d. Pd. Hogskinson for 8 days 2s. 8d. Pd. Kichen for 8 days 2s. Pd. Breeden for 2 days 12d. 30. 7

£ s. d.

Getting and breaking of lime stone and sand Pd. for the getting of 20 load of lime stone 4s. 2d. Pd. Rogers for breaking of 20 load lime stone 2s. 6d.

Carriage of lime stone; getting sand Pd. for the carriage of 3 load of lime stone 15d. Pd. for the getting of 10 load of sand 10d. 8. 9

Coals for the lime kiln and carriage of them Pd. for 15 load of coals for the lime kiln at 3s. the load 45s. Pd. for carriage of 12 load of the same coals 12s. 2. 17. 0

Carriage of stone and other necessaries to the Castle Pd. Stathem and Souter for the carriage of 84 load of stone from Shuttellwode £4. 4s. Pd. for the carriage of 28 load of stone from the Town quarry to Castle 4s. 8d. Pd. for the carriage of 2 dozen of hurdles from Skartliff Park 2s. 4. 10. 8

The weight of it ½ stone Pd. the smith of Boulsover for one iron for the kitchen range and fitting of it into his place 10s.

Repairing of the quarry tools Pd. for the repairing of the quarry tools 3s. 2d. 13. 2

Smithson for his charges Pd. Smythson for his charges for 10 meals 3. 4

Summa totalis £ 22. 12. 10

Summa totalis £305. 19s. 8d.

15. The workmen's bill for Boulsover work from the 10th of July unto the 24th of July 1613.

Free masons' work done at Shuttelwod quarry Pd. Goodwin and his fellows for working of 129 foot of ashlar at 1½d. the foot 16s. 1½d. Pd. them for 38 foot of axed stepte at 2½d. the foot 7s. 10d. Pd. them more for 27 foot of legmente table at 3½d. the foot 8s. Pd. them for 18 foot of ground table at 3d. the foot 4s. 7½d. (*sic*). Pd. for 6¼ foot of window stuff at 5d. the foot 2s. 7d. Pd. for 2½ foot of window stuff at 4d. the foot 10d. Pd. for 5 springers for the vaults at 16d. the piece 6s. 4d. Pd. for 4 quarter stones at 5d. 20d. Pd. for 2 plinths for the pillars of the great cellar 4s. Pd. for one astragulus for one of those pillars 4s. 2. 16. 0

8 at getting of rough stone and baring of the quarry Pd. the labourers at Shuttellwoode for getting of 254 foot of rough stone at 1¼d. the foot 26s. 5d. Pd. them for baring of the quarry 10s. 36. 5

Rough stone scappled at Shuttelwod quarry Pd. Roylles for scappling of 3 rood of wall stone 4s. Pd. him more for mending of the pinfold wall 12d. 5. 0

Free masons and layers at the foundation Pd. Raffell for 11½ days 11s. 6d. Pd. Symson for 3 days 3s. Pd. Lancaster for 12 days 12s. Pd. Ed. Meatam for 6 days 6s. Pd. Jo. Meatam for 12 days 12s. Pd. Ouldalle for 12 days 12s. Pd. Leptrote for 2 days 2s. Pd. Roylles for 2 days 2s. Pd. Jonson for 12 days 10s. Pd. Pallamon for 5 days 5s. Pd. Meacoke for 12 days 10s. 4. 5. 6

Carpenters at scaffolding and centres Pd. Chester for 12 days 10s. Pd. his boy for 12 days 5s. 15. 0

Labourers at harling and sifting of lime Pd. Wildesmithe for 11 days 7s. 4d. Pd. Willson for 11 days 6s. 5d. Pd. Robe for 6 days 3s. Pd. Otter for 11 days 5s. 6d. 22. 3

£ s. d.

Labourers at serving of the layers at the foundation Pd. Yevlee for 11 days 6s. 5d. Pd. Bruckefeld for 4 days 2s. Pd. Grene for 12 days 6s. Pd. Willson for 7 days 3s. 6d. Pd. Bentlee for 6 days 3s. Pd. Johnson for 4 days 2s. Pd. Launclote for 4 days 2s. Pd. Hepnstalle for 6 days 3s. 27. 11

Boys at serving of the layers Pd. Sparke for 9 days 3s. Pd. Tho. Yeavlee for 11 days 3s. 8d. Pd. Rodes for 11 days 3s. 8d. 10. 4

The lime man and women at serving of the layers with filling stone and carrying of sand to the lime kiln Pd. Norwode for 11 days at 7d. 6s. 5d. Pd. Alse Robenson for 11 days 3s. 8d. Pd. Margerye Robenson for 11 days 3s. 8d. Pd. Marye Robenson for 11 days 3s. 8d. Pd. Myller wiffe for 11 days 3s. 8d. Pd. Rodes wiffe for 11 days 3s. 8d. Pd. Yeavlee wiffe for 7 days 2s. 4d. Pd. Besse Yevlee for 5 days 20d. Pd. Hogskinson for 9½ days 3s. 2d. Pd. Kichen boy for 11 days 22d. Pd. Ellen Kichen for 10 days 2s. 6d. 36. 3

Carriage of stone from Shuttellwod and from the More and lime stone Pd. Henrye Stathem and his fellows for the carriage of 96 load of stone from Shuttellwoode quarry £4. 16s. Pd. them for 29 load of lime stone at 5d. the load 10s. 5d. Pd. them for 12 load of sand from the More 8s. Pd. them for 6 load of stone from the More for the ovens 6s. 6. 0. 5

Spittelhouse for getting of lime stone and stone for ovens Pd. John Spittellhouse for 1 day at getting of stone from the More and for breaking of 20 load of lime stone 4s. 2d.

The smiths for door hooks and other necessaries Pd. Boukett the smith for 10 pair of door hooks 10s. Pd. the smith for mending of the quarry tools and other necessaries 3s. 8d.

Smithson's charges Pd. Smithson's charges for 8 meals 2s. 8d. 20. 6

Summa totalis £ 21. 15. 7

[*Edge of MS. gone*]

16. The workmen's bill for Boulsover work from the 24th of July unto the 7th of August 1613.

Free masons' work done at Shutellwd quarry Pd. Goodwin and his fellows for working of 163 foot of ashlar at 1½d. the foot 20s. 4d. Pd. them for 22 foot of axed stepte at 2½d. the foot 4s. 7d. Pd. them for 8 foot of legmente table at 3½d. 2s. 4d. Pd. them for 12 foot of ground table at 3d. the foot 3s. Pd. them for 14 foot of door jamb at 4½d. the foot 5s. 3d. Pd. them for 4 foot of window stuff at 5d. the foot 20d. Pd. them more for 4½ foot of window stuff at 4d. the foot 18d. Pd. them for 4½ foot of pillar at 2s. 6d. the foot 10s. 8d. Pd. for one astragulas for the pillar 4s. Pd. for 3 springers for the vaults 4s. Pd. for 4 'angell' stones at 5d. the piece 20d. 2. 19. 0

Rough stone and baring the quarry Pd. the labourers at Shuttellwode for getting of 268 foot of rough stone at 1¼d. the foot 27s. 9d. Pd. them more for the baring of the quarry 4s. 31. 9

Wall stone scappled Pd. Roylles boy for scappling of 5 rood of wall stone 7s. 6d.

£ s. d.

Boards for the building Pd. for 30 inch board for the making of hods and other necessaries for the building 11s. 2d. 18. 8

[*No heading*]

Pd. Raffell 10½ days 10s. 6d. Pd. Symson 10 days 10s. Pd. Lankester for 11 days 11s. Pd. Leptrote for 9 days 9s. Pd. Ed. Meatam for 5 days 5s. Pd. Jo. Meatam for 10 days 10s. Pd. Roylles for 5½ days 5s. 6d. Pd. Ouldalle for 11 days 11s. Pd. Johnson for 11 days 9s. 2d. Pd. Meacoke for 11 days 9s. 2d. 4. 10. 4

Carpenters at scaffolds and centres Pd. Chester 11 days 9s. 2d. Pd. his boy for 11 days 4s. 7d. 13. 9

Labourers at harling and sifting of lime and carrying of water Pd. Wildesmithe for 4 days 2s. 8d. Pd. Norwode for 8 days 4s. 8d. Pd. Wilson for 9 days 5s. 3d. Pd. Yeavlee for 11 days 6s. 5d. Pd. Otter for 12 days 6s. Pd. Robe for 6 days 3s. 28. 0

Labourers at serving the layers and getting of filling stone and sand Pd. Haies for 7 days 3s. 6d. Pd. Buckfelde for 11 days 5s. 6d. Pd. Grene for 11 days 5s. 6d. Pd. Hepenstall for 11 days 5s. 6d. Pd. Johnson for 11 days 5s. 6d. Pd. Bentlee for 10½ days 5s. 3d. Pd. Tho. Wilson for 11 days 5s. 6d. Pd. Launcelett for 11 days 5s. 6d. Pd. Sparke for 10½ days 3s. 6d. Pd. Yeavlee for 10 days 3s. 4d. Pd. Rodes for 11 days 3s. 8d. Pd. Kichen for 2 days 4d. 2. 12. 7

Women at carrying of filling stone and sand Pd. Alse Robenson for 11 days 3s. 8d. Pd. Marye Robenson for 11 days 3s. 8d. Pd. Rodes wiffe for 11 days 3s. 8d. Pd. Miller wiffe for 11 days 3s. 8d. Pd. Warde wiffe for 11 days 3s. 8d. Pd. Hogskinson for 11 days 3s. 8d. 22. 0

At hewing quoynes and splays Pd. Shore for 10 days at hewing of quoynes and splays for the inside of the house 10s.

Getting and breaking of lime stone for the building Pd. Spittelhouse and his fellows for getting of 80 load of lime stone at 3d. the load 20s. Pd. Willson and their fellows for breaking of 24 load of lime stone at 1½d. the load 3s. 33. 0

Carriage of stone from Shuttelwod and lime and stone for filling Pd. Henrye Stathem and his fellows for carriage of 35 load of stone from Shuttellwode quarry 35s. Pd. them more for the carriage of 25 loads of lime stone 10s. 5d. Pd. them more for the carriage of 2 load of stone from the Castle 4d. 2. 5. 9

Smithson's charges Pd. Smithson's charges for 10 meals 3. 4

Summa totalis £ 19. 18. 2

Summa totalis £347. 13s. 5d.

17. The workmen's bill for Boulsover work from the 7th of August unto the 21th of August 1613.

Free masons' work done at Shuttellwood quarry Pd. Goodwin and his fellows for working of 191 foot of ashlar at 1½d. 23s. 11d. Pd. them for 19½ foot of stepte at 2½d. the foot 4s. Pd. them for 4 springers for the vaults at 16d. the piece 5s. 4d. Pd. them for 4 quarters for the same vaults 20d. Pd. them for 11 arch stones for the kitchen stairs at 7d. the stone 6s. 5d. Pd. them for 2½ foot of pillar at 2s. the foot 5s. Pd. for 2 stones for the capital of the pillar 4s. 8d. Pd. them for one square stone for head of the pillar 3s. 8d. 2. 14. 8

£ s. d.

Rough stone gotten at Shuttellwode quarry Pd. the labourers at Shutellwood quarry for getting of 241 foot of stone at 1¼d. the foot 25s. 1d. Pd. them more for the baring of the quarry 6s. 31. 1

Wall stone scappled at Shuttelwode Pd. Roylles boy for scappling of 5 roods of wall stone at 18d. 7s. 6d.

Free masons and layers at the walls Pd. Symson for 11½ days 11s. 6d. Pd. Raffell for 11 days 11s. Pd. Ed. Meattam for 5 days 5s. Pd. Jo. Meattam for 11½ days 11s. 6d. Pd. Leptrote 10½ days 10s. 6d. Pd. Royles for 10½ days 10s. 6d. Pd. Ouldalle for 11½ days 11s. 6d. Pd. Smithe for 5 days 5s. Pd. Tho. Johnson for 11½ days 9s. 7d. Pd. Meacoke for 5½ days 4s. 7d. Pd. Crofte for 5½ days 4s. 7d. 5. 2. 9

Scaffolding and centres Pd. Chester for 12 days 10s. Pd. his boy for 12 days 5s. 15. 0

Labourers at carrying of water and harling of lime Pd. Wildesmithe for 7 days 4s. 8d. Pd. Norwode for 9½ days 5s. 6d. Pd. oulde Norwode for 10 days 5s. 10d. Pd. Wilson for 9 days 5s. 3d. Pd. Robe 7½ days 3s. 9d. Pd. Otter for 2 days 12d. 26. 0

Labourers at serving of the layers Pd. Bruckeffelld for 9 days 4s. 6d. Pd. Greene for 11½ days 5s. 9d. Pd. Launclote for 10 days 5s. Pd. Johnson for 10 days 5s. Pd. Sparke for 9 days 3s. Pd. Yeavlee for 10½ days 3s. 6d. Pd. Rodes for 10½ days 3s. 6d. Pd. Hepnstall for 9½ days 4s. 9d.

At loading lime stone Pd. Whitacker for 6 days 2s. 37. 0

Women at serving of layers and carriage of sand from the old wall Pd. Robenson wife for 10 days 3s. 4d. Pd. Warde wiffe for 6 days 2s. Pd. Miller wiffe for 10 days 3s. 4d. Pd. Rodes wiffe for 10 days 3s. 4d. Pd. Marye Robenson for 10 days 3s. 4d. Pd. Ellen Hogskinson for 9 days 3s. 18. 4

Carriage of lime stone and stone from Shutellwode Pd. to Henrye Stathem and his fellows for the carriage of 20 load of stone from Shutellwod 20s. Pd. them more for 10 loads of coals for the lime kiln 10s. Pd. them for 78 load of lime stone at 5d. the load 31s. 8d. 3. 1. 8

Lime stone breaking Pd. for the breaking of 38 loads of lime stone at 2d. load 6s. 8d.

Lime stone getting Pd. Spitellhouse and their fellows for getting of 90 loads of lime stone at 3d. the load 22s. 6d. 28. 10

Coals for the lime kiln all winter Pd. for 10 load of coals for the lime kiln 30s. Pd. for 27 half inch boards for hods and trowes and other 10s. 1d. 40. 1

Money given to workmen Pd. the workmen as given by my master at the 12th of August 5s. 6d.

Smithson's charges Pd. Smithson's charges for 10 meals 3s. 4d. 8. 10

Summa totalis £ 21. 4. 3

Summa totalis £368. 17s. 8d.

£ s. d.

18. The workmen's bill for Boulsover work from the 21th of August unto the 4th of September 1613.

Free masons' work done at Shutellwo quarry Pd. Goodwin and his fellows for 187 foot of ashlar at 1½d. the foot 23s. 4d. Pd. them for 2 stones for the nether part of one pillar 5s. Pd. them for 2 stones for the capital of the pillar at 3s. 6d. Pd. for one whole springer for one of the pillars of the cellar 3s. 6d. Pd. for one half springer for one of the pillars 18d. Pd. for 7 arch stones for the arches of the stair cases at [*blank*] the stone 3s. 6d. Pd. for one half plinth for the pillar of the kitchen 2s. Pd. for one astragulus for a pillar 4s. 2. 6. 4

6 labourers at getting rough stone at Shutellwode quarry Pd. the labourers at Shuttellwode for getting 187 foot of rough stone at 1¼d. the foot 19s. 5d. Pd. them for baring of the quarry and carrying out of wall stone 8s. 27. 5

Wall stone scappled Pd. Copleye for scappling of 2 rood of wall stone at Shuttellwode 3s. Pd. Amefeelde for the scappling and getting of 3 roods of wall stone at Boulsover More 7s. 10. 0

Free masons and layers at the walls Pd. Symson for 9 days 9s. Pd. Raffell for 10 days 10s. Pd. Ouldalle for 12 days 12s. Pd. Lankester for 12 days 12s. Pd. Leptrote for 11½ days 11s. 6d. Pd. Ed. Meattam for 10 days 10s. Pd. Jo. Meattam for 11½ days 11s. 6d. Pd. Royles for 3 days 3s. Pd. Smithe for 10 days 10s. Pd. Shore for 12 days 11s. (*sic*). Pd. Tho. Johnson 9 days 7s. 6d. Pd. Nobell for 6 days 6s. Pd. Meakoke for 12 days 10s. Pd. Crofte for 10 days 8s. 4d. 6. 11. 10

Scaffolding and centres Pd. Chester 12 days at 10s. Pd. his boy for 12 days 5s. 15. 0

At carrying water and slecking and harling lime Pd. Willdsmithe for 9 days 6s. Pd. Norwod for 10 days 5s. 10d. Pd. Willson for 11 days 6s. 5d. Pd. Otter for 8 days 4s. 22. 3

Labourers at serving of the layers and free masons Pd. Yeavlee for 12 days 7s. Pd. Robe for 2 days 12d. Pd. Tho. Wilson for 12 days 7s. Pd. Grene for 12 days 6s. Pd. Lanclote for 5 days 2s. 6d. Pd. Johnson for 9 days 4s. 6d. Pd. Hepenstalle for 9 days 4s. 6d. Pd. Robenson for 6 days 3s. 35. 6

Boys at serving of layers Pd. Sparke for 12 days 4s. Pd. Rodes for 12 days 4s. Pd. Yeavlee for 9½ days 3s. 2d. Pd. Wherwicke for 9 days 3s. Pd. Peace for 4 days 12d. 15. 2

The lime burner, and women at serving of layers Pd. lime burner for 12 days 7s. Pd. Rodes wife for 10½ days 3s. 6d. Pd. Miller wiffe for 12 days 4s. Pd. Robenson wiffe for 11 days 3s. 8d. Pd. Marye Robenson for 12 days 4s. Pd. Hogskinson for 11 days 3s. 8d. 25. 10

Carriage of lime stone coals and wall stone Pd. Henrye Stathem and Souter for the carriage of 28 load of stone from Shuttellwode quarry 28s. Pd. them more for 36 loads of coals from (*sic*) the lime kiln 36s. Pd. them for 2 load of stone from the More 2s. Pd. them for 20 loads of lime stone at 5d. the load 8s. 4d. Pd. them 81 load of wall from the Town quarry 13s. 2d. Pd. for 2 loads of sand 16d. 4. 8. 10

£ s. d.

Sawing of timber for centres Pd. for 2 sawyers for sawing and breaking of timber for centres 14s.

Breaking of lime stone Pd. Spitellhouse for breaking of 22 loads of lime stone 3s. 8d. Pd. him more for loading of coals and making of saw pits 20d. 19. 4

Coals for the lime kiln Pd. for 10 load of coals for the lime kiln 30s.

Smith's work for nails and quarry tools Pd. the smith for nails of all sorts for the centres 4s. 9d. Pd. him more for mending and repairing of the quarry tools 4s. 3d. 39. 0

Kellomes and Smithson's charges Pd. the 30th of August for Mr. Kellam's diet at certain times 4s. 6d. Pd. Smythson's charges for 10 meals 3s. 4d. 7. 10

Boukites reckoning for [*illegible*] Pd. Boukett the smith [*remainder of page perished*].
(£) . . . . . .

19. The workmen's bill for Boulsover work from the 4th of September unto the 18th of September 1613.

Free masons' work done at Shuttellwoode quarry Pd. Goodwin Crokes and their fellows for 70 foot of axed ashlar at 1½d. the foot 8s. 9d. Pd. them for 12 foot of window stuff 5s. 6d. Pd. for one quarter stone for the springer of the pillar 12d. Pd. them for 10 arch stones for 2 arches for the stairs 5s. Pd. for one base for the pillar 4s. Pd. for 2⅓ foot of the pillar for the kitchen 5s. 10d. 30. 1

Labourers getting of rough stone Pd. the labourers for getting 206 foot of rough stone at 1¼d. 21s. 5d. Pd. them more for the baring of the quarry there and making trial in other 2 places 14s. 35. 5

Stone scappled for wall stone Pd. Peter Smithe and other for scappling of 7 rood of wall stone 10s.

Timber sawn for centres Pd. to two sawyers for sawing of timber for centres 24s. 34. 0

Free masons and layers at walls Pd. Raffell for 12 days 12s. Pd. Walter Symson for 12 days 12s. Pd. Lancaster for 12 days 12s. Pd. Ouldalle for 12 days 12s. Pd. Leptrote for 10 days 10s. Pd. Ed. Meatam for 6 days 6s. Pd. Jo. Meatam for 6 days 6s. Pd. Peter Smithe for 12 days 12s. Pd. Shore for 12 days 11s. (*sic*). Pd. Nobell for 12 days 12s. Pd. Johnson for 12 days 10s. Pd. Meakocke for 12 days 10s. Crofte for 11 days 9s. 2d. 6. 14. 2

Scaffolding and centres Pd. Chester for 12 days 10s. Pd. his boy for 12 days 5s. 15. 0

Labourers at serving of layers and other work Pd. Wildesmithe for 11 days 7s. 4d. Pd. oulde Norwode for 12 days 7s. Pd. Yeavlee for 12 days 7s. Pd. Willson for 12 days 7s. Pd. Otter for 12 days 6s. Pd. younge Norwode for 12 days 7s. Pd. Thos. Wilson 12 days 7s. Pd. Greene for 12 days 6s. Pd. Johnson for 12 days 6s. Pd. Hepenstalle for 12 days 6s. Pd. Robenson for 12 days 6s. Pd. Hayes for 12 days 6s. Pd. Kynder for 12 days 6s. 4. 4. 4

£ s. d.

Boys at serving of the layers Pd. Sparke for 12 days 4s. Pd. Yeavlee for 12 days 4s. Pd. Rodes for 12 days 4s. Pd. Wherwicke for 12 days 4s. Pd. Peace for 12 days 3s. Pd. Deane for 8 days 2s. 8d. 21. 8

Women at the lime kiln and carriage of sand Pd. Robenson wiffe for 12 days 4s. Pd. Miller wiffe for 12 days 4s. Pd. Marye Robenson 12 days 4s. Pd. Hogskinson for 12 days 4s. Pd. Rodes wiffe for 12 days 4s. 20. 0

Lime stone getting Pd. Spittellhouse and his fellows for getting of 50 load of lime stone at 2½d. the load 10s. 5d.

Lime stone breaking Pd. them more for breaking of 30 loads of lime at 1½d. 3s. 9d.

Stacking of coals Pd. them more for stacking and piling up of 100 load of coals 4s. 2d.

Getting of sand Pd. for getting of 3 load of sand and for filling of lime stone 17d. 19. 9

Coals for the lime kiln Pd. for 10 load of coals for the lime kiln 30s.

Grates for the great cellar Pd. Boukett the smith for 12 grates for the great cellar 36s. 3. 6. 0

Carriage of stone from Shuttellwode and other places Pd. to Henrye Stathen and his fellows for the carriage of 29 loads of stone from Shutellwode 29s. Pd. them more for the carriage of 51 load of coals from the pits 51s. Pd. them for 27 load of sand at 8d. the load 18s. Pd. for 52 loads of lime stone at 5d. the load 21s. Pd. them for one day with their draughts pulling up of pipes 2s. 8d. 6. 1. 8

Traces and other necessaries for the building Pd. for 6 dozen of traces for the scaffolds 6s. Pd. one sieve for sifting of lime 5d. Pd. for one lock for the Castle chamber door 6d. 6. 11

Smythson's [*charges*] Pd. Mr. Kellomes charges for . . . 2s. 4d.

[? Smithson's charges] 3s. 5. 8

[*Rest perished.*]

20. The workmen's bill for Boulsover work from the 18th of September unto the 2th of October 1613.

Free masons' work done at Shuttellwoode quarry Pd. Goodwin and his fellows for 152 foot of ashlar at 1½d. the foot 19s. Pd. 2 foot 4 inches of pillar for the kitchen 5s. 6d. Pd. for half a capital for the same pillar 2s. 8d. Pd. for 2 stones for the upper part of the capital of the pillar 3s. 8d. Pd. for one quarter of one springer 10d. Pd. for 21½ foot of window stuff at 5d. the foot 9s. Pd. more for one quarter springer 10d. 41. 6

Labourers at getting of rough stone and baring of the quarry Pd. the labourers for getting of 200 foot of rough stone 20s. 10d. Pd. them more for baring of the quarry and making trial in other places of Shuttellwoode 12s. 6d. 33. 4

Wall stone scappled at Shuttellwode quarry Pd. to Meatam and others for scappling of 11 roods of wall stone at 18d. 16s. 6d. Pd. Croftes for 4 days at hewing of splays and coynes 3s. 4d. 19. 10

£ s. d.

Free masons and layers at the foundation Pd. Raffell for 10 days 10s. Pd. Symson for 6 days 6s. Pd. Ouldalle for 10½ days 10s. 6d. Pd. Lankester for 10½ days 10s. 6d. Pd. Jo. Meatam for 2½ days 2s. 6d. Pd. Leptrote for 11 days 11s. Pd. Shore for 10 days 9s. 2d. Pd. Nobell for 2½ days 2s. 6d. Pd. Meacoke for 6 days 5s. Pd. Johnson for 10½ days 8s. 9d. 3. 15. 11

Scaffolding and centres Pd. Chester for 12 days 10s. Pd. his boy for 12 days 5s. 15. 0

Labourers at serving of layers and harling of lime Pd. Wildesmithe for 9 days 6s. Pd. ould Norwode for 4½ days 2s. 7d. Pd. Yeavelee for 10½ days 6s. 1½d. Pd. Willson for 10½ days 6s. 1½d. Pd. Otter for 10½ days 5s. 3d. Pd. Wilson for 6½ days 3s. 9½d. Pd. Greene for 8½ days 4s. 3d. Pd. Johnson for 10½ days 5s. 3d. Pd. Hepenstalle for 10½ days 5s. 3d. Pd. Robenson for 10½ days 5s. 3d. Pd. Haies for 9½ days 4s. 9d. Pd. Kynder for 10½ days 5s. 3d. 2. 19. 10½

Boys at serving of the layers Pd. Sparke for 9½ days 3s. 2d. Pd. Rodes for 10½ days 3s. 6d. Pd. Yeavlee for 10 days 3s. 4d. Pd. Deane for 10 days 3s. 4d. Pd. Wherwicke for 10½ days 3s. 6d. Pd. Peace for 10½ days at 3d. 2s. 7d. 19. 5

Women at the lime kiln and other work Pd. Robenson wiffe for 10½ days 3s. 6d. Pd. Miller wiffe for 10½ days 3s. 6d. Pd. Rodes wiffe for 10½ days 3s. 6d. Pd. Marye Robinson for 10½ days 3s. 6d. Pd. George Peace for 8½ days 2s. 10d. 16. 10

Lautes for centres Pd. 2 sawyers for sawing of timber for centres and for felling timber for lautes and making of lautes 6s.

Bowkette the smith pd. for iron work Pd. Boukett the smith for 4 grates for the weet larder 15s. Pd. him more for 36 window bars weighing 12 stone 30s. 2. 11. 0

Coals for lime kiln Pd. for 10 load of coals for the lime kiln 30s.

Breaking of lime stone Pd. Spittellhouse for getting of 40 loads of lime stone at 2½d. 8s. 4d. 38. 4

Carriage of stone from Shuttellwod and other places Pd. Raulfe Souter and his fellows for carriage of 40 loads of lime stone 16s. 8d. Pd. them for 15 load of stone from Shuttellwode quarry 15s. Pd. for 2 load of cliftes from the Coppie for lautes 2s. Pd. them for the carriage of 122 load of vaulting stone from the Town quarry to the Castle at 2d. 20s. 4d. Pd. them for 6 load of wall stone from the More 6s. Pd. for 2 load of clay for centres 10d. Pd. for the carriage of 3 load of coals from the pits 3s. 3. 3. 10

Smithson's charges Pd. Smithsones charges for 8 meals 2s. 8d.

Summa totalis £ 21. 17. 6½

Summa totalis £445. 11s. 10½d.

21. The workmen's bill for Boulsover work from the 2th of October unto the 16th of October 1613.

Free masons' work at Shuttellwood quarry Pd. Goodwin and his fellows for working 159 foot of ashlar at 1½d. 19s. 10d. Pd. them for 4 stones under the base of the kitchen pillar 2s. 8d. Pd. them for 6 foot of window stuff for the kitchen windows 2s. Pd. for half a springer for the pillar head of the kitchen 1s. 8d. Pd. for one foot of the pillar body for the kitchen 2s. 6d. Pd. for one stone for the capital of the pillar 2s. 8d. 32. 4

£ s. d.

7 labourers at getting of stone and baring the quarry Pd. the labourers at Shuttellwode for getting of 220 foot of rough stone at 1¼d. the foot 22s. 11d. Pd. them more for baring of the quarry and bearing out of wall stone out of the quarry 13s. 4d. 36. 3

Wall stone scappled and the stone gotten Pd. Armefeld for the scappling and getting of 5½ roods of wall stone at 2s. 2d. the rood 11. 11

Free masons at setting of the walls Pd. Raffell for 11 days 11s. Pd. Symson for 10 days 10s. Pd. Lancaster for 11 days 11s. Pd. Jo. Raffell for 7½ days 7s. 6d. Pd. Jo. Meatam for 11 days 11s. Pd. Leptrote for 7½ days 7s. 6d.

Layers at the vault of the cellar Pd. Ouldalle for 11 days 11s. Pd. Nobell for 5½ days 4s. 6d. Pd. Shore for 5½ days 5s. 1d. Pd. Meacoke for 11 days at 10d. 9s. 2d. Pd. Tho. Raffell for 11 days 9s. 2d. 4. 16. 11

Carpenters at making of centres and scaffolding Pd. Chester for 12 days 10s. Pd. his boy for 12 days 5s. Pd. two sawyers for 5 days at sawing wood for the centres 5s. 20. 0

Labourers at carriage of water Pd. Wyldsmythe for 5½ days 3s. 8d. Pd. Yevlee for 8½ days 4s. 11d. 8. 7

Labourers at sifting and harling up of lime Pd. Willson 11 days at 7d. 6s. 5d. Pd. Norwode for 4 days at 7d. 2s. 4d. Pd. Otter for 10½ days 5s. 3d. Pd. Johnson for 8 days 4s. Pd. Hepenstalle for 10½ days 5s. 3d. Pd. Robenson for 10 days 5s. 28. 3

Labourers at serving of the layers at the wall Pd. Kynder for 10 days 5s. Pd. Hayes for 8 days 4s. Pd. Greene for 11 days 5s. 6d. Pd. Barker for 4 days 2s. Pd. Wherwicke for 10 days 3s. 4d. Pd. Sparke for 10 days 3s. 4d. Pd. Rodes for 10 days 3s. 4d. Pd. Yeavlee for 9 days 3s. Pd. Peace for 7 days 21d. 31. 3

The thatcher at covering of the walls of the house Pd. the thatcher for 5 days at the walls of the house 4s. 2d. Pd. his man for serving of him for 5 days at 6d. 2s. 6d. 6. 8

Labourers and women at getting of bracken for the cover of the walls Pd. Thorpe for 4 days at mowing of bracken for the walls 2s. Pd. Robenson wiffe for 10 days 3s. 4d. Pd. Rodes wiffe for 4½ days 18d. Pd. Miller wiffe for 10 days 3s. 4d. Pd. Marye Robenson for 10 days 3s. 4d. Pd. Hogskinson for 7 days 2s. 4d. Pd. Richardson for 4 days 16d. Pd. Whitacker for 2 days 6d. 17. 8

Lime stone gotten for the lime kiln Pd. Spittellhouse for the getting of 40 load of lime stone at 2½d. 8s. 4d. Pd. Willson and his fellow for getting of 30 load lime stone at 1½d. 3s. 9d. 12. 1

Coals for the lime kiln Pd. for 10 load of coals for the lime kiln 30s.

Nails for the centres Pd. the smith for nails for the centres of all sorts 5s. 6d. Pd. for the repairing of the quarry tools 10d. 36. 4

Carriage of stone from Shuttellwod and other places for the use of the building Pd. for the carriage of 10 load of lime stone 4s. 2d. Pd. for 62 loads of stone from the Town quarry 10s. 4d. Pd. for 3 load from the cundite 15d. Pd. for 7 loads of stone from Shittellwode quarry 7s. Pd. for 6 loads of bracken for the walls 3s. Pd. for 6 load of stone from Shuttellwode quarry 6s. Pd. for the carriage of one load of slate for pyninges 18d. For one load of clay for the centres 5d. 33. 8

£ s. d.

Smythson's charges [*rest perished*] Pd. Robarte Hardye for the grase of Smithson's horse . . . the . . . of May . . . of October 6s. 8d. . . . 2s. 8d. 9. 4

[*Rest perished.*]

22. The workmen's bill for Boulsover work from the 16th of October unto the 6th (*sic*) of November 1613.

Free masons' work at Shutelwode quarry Pd. Goodwyn and his fellows for working of 84 foot of ashlar 10s. 6d. Pd. them more for one half springer for the larder pillar 2s. Pd. Crookes and Johnson for 155 foot of ashlar at 1½d. the foot 19s. 4½d. 31. 10½

9 labourers at baring and getting of rough stone Pd. the labourers at Shuttellwod for getting of 239 foot of stone at 1¼d. the foot 24s. 11d. Pd. them more for the baring of the quarry and carrying out of wall stone 12s. 6d. 37. 5

Wall stone scappled at the More Pd. Ouldalle and his fellows for scappling of 4 rood of wall stone at 18d. the rood 6s. Pd. Armefellde for getting of stone and scappling of 2 rood of wall stone at 2s. 2d. the rood 4s. 4d. 10. 4

11 labourers at baring of the quarry at the More Pd. to Yeavle Wilson and 9 other labourers for baring and opening of the quarry at the More 28. 9

Layers at the vaulting of the great beer cellar Pd. Symson for 8 days 8s. Pd. Raffell for 8 days 8s. Pd. Jo. Raffell for 4 days 4s. Pd. Ed. Meatam for 5 days 5s. Pd. Jo. Meatam for 2 days 2s. Pd. Ouldalle for 3 days 3s. Pd. Nobell for 4 days 4s. Pd. Tho. Johnson for 4 days 3s. 4d. Pd. Maycoke for 3 days 3s. 6d. (*sic*) 40. 10

Carpenters at framing and sawing for centres Pd. Chester for 12 days 10s. Pd. Kichen for 4 days 4s. Pd. Roughstone for 4 days 4s. Pd. Chester's boy for 12 days 5s. 23. 0

Labourers at serving of the layers and making of mortar Pd. Wm. Yeavlee for 3 days 18d. Pd. Wilson for 5 days 2s. 6d. Pd. Otter for 5 days 2s. 6d. Pd. Johnson for 4 days 2s. Pd. Hepenstall for 5 days 2s. 6d. Pd. Robenson for 6 days 3s. Pd. Kynder for 6 days 3s. Pd. Haies for 3 days 18d. Pd. Greene for 10 days 5s. Pd. Norwode for 4 days 2s. 4d. Pd. Sparke for 10 days 3s. 4d. Pd. Wherwicke for 5 days 20d. Pd. Rodes for 6 days 2s. Pd. Yeavlee for 6 days 2s. 34. 10

Getting of bracken and thatching of the walls Pd. to five women for getting of bracken for the cover of the walls 16s. 2d. Pd. for mowing of bracken 3s. Pd. the thatcher for 4 days 3s. 4d. 22. 6

Coals and getting of lime stone Pd. for 10 load of coals for the lime kiln 30s. Pd. getting of 60 load of lime stone at 2½d. the load 12s. 6d. 42. 6

Carriage of stone and divers other necessaries for the use of the building Pd. for the carriage of 2 load of stone from the More and 4 from Shuttellwode quarry 6s. Pd. for 26 load of stone from the Town quarry 4s. 4d. Pd. for 17 loads of lime stone at 5d. the load 7s. 1d. Pd. for one load of wattlinges from Skartcliffe Park 2s. Pd. for 3 load of bracken out of the Park 18d. Pd. for four load of bracken from Shuttellwode 4s. Pd. for 2 load of clyftes from the copye for lantes 2s. 26. 11

£ s. d.

The smith's work for nails and other necessaries for the work Pd. for three thousand of lant nail for centres 4s. 6d. Pd. for one new quarry hammer of one stone weight 2s. 7d. Pd. for 6 new wedges for the quarry 15d. Pd. for 6 cramps 6d. 8. 10

Smithson's charges Pd. Smythson charges for 9 meals 3. 0

Summa £ 15. 9. 9½

Summa totalis £480 2s. 10d.

[23.] The workmen's bill for Boulsover work from the first of November unto the 14th. of November 1613.

Free masons' work done at Shuttellwo quarry Pd. Godwin and his fellows for working of 100 foot of ashlar 12s. 6d. Pd. them more for 42 foot of stepte at 2½d. the foot 8s. 9d. 21. 3

Rough stone gotten and baring of the quarry Pd. the labourers at Shuttellwode quarry for the getting of 142 foot of rough stone at 1¼d. 13s. 9d. Pd. them more for the baring of the quarry and bearing out of wall stone 15s. 28. 9

Layers and carpenters at the wall Pd. Raffell for 8½ days 8s. 6d. Pd. Johnson for 7½ days 6s. 3d. Pd. Chester for 11 days at 9d. 9s. 2d. Pd. Chester's boy for 11 days 4s. 7d. 28. 6

Wall stone scappled at the More Pd. Ouldalle for scappling of 5 rood of wall stone 7s. 6d. Pd. Meatam for 3 rood 4s. 6d. Pd. Meacoke for 3 rood 4s. 6d. Pd. Armefelld for 3 rood 4s. 6d. 21. 0

Work done for the cover of the walls Pd. the thacker for 5 days 4s. 2d. Pd. his labourer for 5 days 2s. 6d. Pd. five women for getting of bracken for the thatcher 5s. 11. 8

Labourers at the foundation and making of mortar Pd. Greene for 10 days 5s. Pd. Sparke for 9 days 3s. Pd. Rodes for 9 days 3s. Pd. Wilson for 2 days 12d. Pd. Robenson for 3 days 18d. 13. 6

Labourers at the More at baring of the quarry Pd. Yeavelee, Johnson and 8 more of his fellows for 71 days' work at baring of the quarry at the More for wall stone 34s.

Lime stone breaking Pd. Spittellhouse for 3 days' work and for breaking of 7 load of lime stone 2s. 7d. 36. 7

Coals for the lime kiln Pd. for 10 load of coals for the lime kiln 30s.

Carriage of poles for scaffold Pd. Henrye Woode for the carriage of five load of poles from Soulcome to Boulsover 15s.

Paid the smith for the quarry tools Pd. the smith for 4 wedges and for laying of one kevell 2s. 6d.

Smythson's charges Pd. Smythson for his charges for 7 meals 2s. 4d. 49. 10

Sum £ 10. 12. 3[1]

£480. 2s. 10d.[1]

[1] In a different ink.

£ s. d.

[24.] The workmen's bill for Boulsover work from the 14th of November unto the 27th of November 1613.

Free masons' work done at Shuttellwode quarry Pd. Godwin and his fellows for working of 144 foot of ashlar 18s. Pd. them for working of one astragulus for the larder pillar 4s. Pd. them for one base for the same pillar 4s. 6d. Pd. them for one plinth for the same pillar 2s. 4d. Pd. them for 2 foot of the body of the same pillar 5s. Pd. them for 39 foot of stepte 7s. 8d. 41. 6

9 labourers at getting of rough stone and baring of the quarry Pd. the labourers at Shuttellwode for getting 222 foot of rough stone at 1¼d. the foot 21s. 1d. Pd. them more for the baring of the quarry and carrying out of wall stone 8s. 9d. 29. 10

Wall stone scappled at Shuttellwode quarry Pd. Ouldalle for scappling of 5 rood of wall stone 7s. 6d. Pd. Meatam for 9 rood 13s. 6d. 21. 0

Wall stone scappled at the More Pd. Meatam for 4 rood 6s. Pd. Armefeelde for 3½ rood 4s. 6d. 10. 6

Layers and other workmen at the buildings Pd. Raffell for 12 days 12s. Pd. Tho. Raffell for 10 days 8s. 9d. Pd. the thacker for 5 days 4s. 2d. Pd. Chester for 12 days 9s. Pd. Chester's boy for 12 days 5s. [38. 11]

Labourers at the lime at serving of workmen Pd. Wildesmythe for 4 days 2s. 4d. Pd. Robinson for 8 days 4s. Pd. Greene for 12 days 6s. Pd. Wildesmythe for Rodes 4s. Pd. Sparke for 11 days 3s. 8d. [20. 0]

Wall stone gotten at the Town quarry Pd. Sturdye Hepestalle and 8 more of their fellows for getting of wall stone at the Town quarry 34s. 8d.

9 labourers at baring of the quarry at the More Pd. Willson and Yeavlee and 7 more of their fellows for baring of the quarry at the More for wall stones 9s. 6d.

Ground at the More bared by task Pd. Davye for baring of one rood of ground at the More quarry for wall stone 10s. 6d. [54. 8]

Bracken gotten for the cover of the walls Pd. Miller wiffe and 4 more of her fellows for getting of bracken for the cover of the walls of the house 10s. 4d.

Carriage of stone for the vaults and for cover of the walls Pd. Shemell Hallam and Bucher for the carriage of 54 load of scappled stone and filling from the Town quarry for the vaults 9s. Pd. them for 3 loads bracken from Shuttellwode 3s. 6d. Pd. them for 1 load of stone from the More and one load of clay 18d. [24. 4]

Coals for the lime kiln Pd. for 10 load of coal for the lime kiln 30s.

Smithson's charges Pd. Smithson's charges for 8 meals and proven for his horse 3s. 4d. 33. 4

Sum £ 13. 8. 0[1]

Sum total £504 3s. 1d.[1]

[1] In a different ink.

£ s. d.

[25.] The workmen's bill for Boulsover work from the 27th of November unto the 11th of December 1613.

Free masons' work done at Shuttelwo. quarry Pd. Goodwin and his fellows for working of 164 foot of ashlar 20s. 6d. Pd. them for working of 20 foot of axed stepte 4s. 2d. Pd. them for working of five foot of pillar for the larder 12s. 6d. Pd. for one stone for the capital of the same pillar 22d. 39. 0

Labourers at getting of stone and baring of the quarry Pd. the labourers at Shutellwode for the getting 207 foot of rough stone at 1¼d. the foot 21s. 6d. Pd. them more for baring of the quarry and baring of wall stone 5s. 26. 6

Work done at the vaults Pd. Raffell for 10 days 10s. Pd. Tho. Raffell for 9 days 7s. 6d. Pd. Mason for 6 days 5s. 22. 6

Work about the cover of the walls and centres Pd. Chester for 11 days 8s. 3d. Pd. his boy for 11 days 4s. 7d. Pd. the thatcher for 4 days 3s. 4d. 16. 2

Labourers at serving of workmen and making mortar Pd. Wildesmithe 11 days 6s. 5d. Pd. Greene for 12 days 6s. Pd. Robenson for 11 days 5s. 6d. Pd. Rodes for 11 days 4s. 8d. Pd. Sparke for 11 days 3s. 8d. 25. 3

Labourers at the lime kiln and at sand and filling stone Pd. Wilson for 3 days at setting of the lime kiln 2s. 6d. Pd. Robenson wiffe for 10 days 2s. 6d. Pd. Rodes wiffe for 10 days 2s. 6d. Pd. Miller wiffe for 10 days 2s. 6d. Pd. Marye Robenson for 10 days 2s. 6d. 12. 6

Wall stone scappled at the More quarry Pd. Armefeelde for 3 roods 4s. 6d. Pd. Ouldalle for 4 roods 6s. Pd. Meatam and Jarvise for 6 rood 9s. 19. 6

Roods of the More quarry bared by task Pd. Adam Davye and his son in preste of one rood baring at the More quarry 5s. Pd. George and other of his fellows for baring of one rood at the More 10s. 15. 0

Labourers' work at taking down of Castle wall Pd. Tho. Kichen and his sons for pulling down of one part of the old Castle wall 13s. 6d. Pd. Wyldesmithe for the pulling down of one part of Castle wall at 4s. the yard 6s. 19. 6

Wall stone gotten at the Town quarry Pd. Sturdye Wilson and their fellows for getting of wall at the Town quarry 8s.

Ground bared at the More and getting of stone withal Pd. Johnson Yevle and other of their fellows for baring of ground at the More quarry 15s.

Stone and sand sorted for the work Pd. Otter and his fellows for parting of the old wall stone and sand and laying them ready for the workmen 16s. 4d. 39. 4

Hurdles for scaffolding Pd. for the making of 6 dozen of hurdles for the scaffolds 9s.

Stone scappled at Shuttewod quarry Pd. Ouldalle and Meatam for scappling of 4 rood of wall stone at Shuttellwode 6s. 15. 0

£ s. d.

Carriage of stone for the vaults Pd. Hallam and Bucher for the carriage of 22 load of stone from the Town quarry 3s. 8d. Pd. for one load of clay for the centres 5d. 4. 1

Coals for the lime kiln Pd. for 10 load of coals for the lime kiln 30s.

The smith's work for the quarry Pd. the smith for mending of 2 rakes for sand and the quarry tools 18d.

Smythsonn's charges Pd. Smithson's charges for 9 meals and for prov for his horse 4s. 35. 6

Sum page £ 13. 9. 0[1]

£504. 3s. 1d.[1]

[26.] The workmen's bill for Boulsover work from the 11th of December unto the 25th of December 1613.

Free masons' work done at Shuttellwoode quarry Pd. Goodwin and his fellows for the finishing of the capital of the pillar of the larder 8s. Pd. them the springer of the pillar 4s. Pd. them for 28 foots of water table at 4½d. the foot 10s. 6d. 22. 6

Free stone wrought that came from Kirkebi Pd. Mason for working of 66 foot of window stuff that came from Kirkebye at 2½d. the foot 13s. 9d.

Rough stone gotten and baring of the quarry Pd. the labourers at Shuttellwode at shutting[2] the quarry and getting of stone for the masons 13s. 6d. 27. 3

Workmen at the vaults. Pd. Rafell for 6 days 6s. Pd. Tho. Rafell for 10 days 7s. 6d. Pd. Chester for 10 days 8s. 4d. Pd. his boy for 10 days 4s. 2d. 26. 0

The setting of the larder pillar and other work Pd. Walter Symson for 6 days at the finishing of the pillar of the larder and other work 6s. Pd. his labourer for 6 days 3s. 9. 0

Labourers at serving of layers for the vaults Pd. Wildesmithe for 7 days 4s. 1d. Pd. Greene for 10 days 5s. Pd. Sparke for 10 days 3s. 4d. Pd. Rodes for 8 days 2s. 8d. 15. 1

Wall stone gotten and baring of the quarry at the More Pd. Wilson Johnson and their fellows for baring of one piece at the More and getting wall stone out of the same 20s. Pd. Adam Davye and his fellows for baring of 2 roods at More 20s. 40. 0

Wall stone scappled at the More Pd. Ouldalle for scappling of 6 rood 9s. Pd. Armefeelde for scappling 1 rood 18d. 10. 6

Wall stone gotten at the Town quarry Pd. Tho. Kichen and his partners in part for getting stone at the Town quarry 20s.

The cover of the walls Pd. the thatcher for 3 days 2s. 6d. Pd. his labourer for 3 days 18d. 24. 0

Women at getting of bracken and carrying of sand Pd. Robenson wiffe for 5 days 20d. Pd. Rodes wiffe for 5 days 20d. Pd. Miller wiffe for 5 days 20d. Pd. Marye Robenson for 5 days 20d. 6. 8

[1] In a different ink.
[2] MS. *shutinge.*

£ s. d.

Baring of ground and getting of wall stone at the More Pd. George and Wilson for baring of one piece at the More and getting of stone and carrying it out for the layers to scapple 14s. 4d.

Stone carriage from the quarry Pd. Hallam and Bucher for the carriage of 7 loads of stone from Shuttellwoode 2s. 4d. 16. 8

Smith's work for the building Pd. the smith for mending of the quarry tools and for nails for the centres 2s. 6d.

Smythson's charges Pd. Smythsonnes charges for 10 meals and proven for his horse 4s. 8d. 7. 2

Carriage of stone from Kirkebye Pd. Kirkebye men for the carriage of 30 load one quarter of stone from Kirkebye to Boulsover at 4s., £6. 1s.

Labourers at taking down the old walls Pd. Kichen and his fellows for taking down of window stuff and ashlar out of the old walls and sorting of it into loads 33s. 6d. 7. 14. 6

The smith for nails and trices Pd. the smith for mending of the quarry tools and for nails for the centres 5s. Pd. for 2 dozen of treces 2s. 7. 0

Sum £ 18. 2. 4[1]

Sum £535 14s. 5d.[1]

[27.] The workmen's bill for Boulsover work from the 25th of December unto the 15th of January 1613.

Free masons' work at the quarry Pd. Goodwin and his fellows for working of 87 foot of water table at 4½d. the foot 32s. 7d.

8 labourers at getting stone and baring of the quarry Pd. the quarrymen and labourers for getting and baring of the quarry and carrying out of wall stone for the scapplers 25s. [2. 17. 7]

Wall stone scappled at the Shuttellwode Pd. Ouldalle and his fellows for scappling of 22 rood of wall stone at Shuttellwode at 18d. the rood 33s.

Wall stone scappled at the More and Town quarry Pd. Ouldalle and Armefelld for scappling of 11 rood of wall stone at the More 16s. 6d. Pd. Woode for 6 days' scappling at the Town quarry 6s. [2. 15. 6]

Masons and layers at the vaults and centres Pd. Raffell for 5 days 5s. Pd. Mason for 5 days 4s. 7d. Pd. Tho. Raffell for 5 days 3s. 9d. Pd. Chester for 6 days 5s. Pd. his boy for 6 days 2s. 6d. [20. 10]

Labourers at serving of Rafell at the vaults Pd. Wilson for 7 days at making of mortar for the vaults 3s. 6d. Pd. Grene for 5 days 2s. 6d. Pd. Sparke for 5 days 20d. Pd. Rodes for 5 days 20d. Pd. Lee for 5 days 20d. [11. 0]

8 labourers at this work Pd. Bentlee Willson and their fellows for taking down one piece of the Castle wall in the 3 Christmas holidays 10s.

12 labourers at this work Pd. Jackeson Glossope Leakes and their fellows for sorting of wall stone and sand with other necessary work at the Castle 18s. 6d. [28. 6]

[1] In a different ink.

£ s. d.

Women at carriage and sorting of sand and stone Pd. Johnson wiffe Rodes wiffe and five more of their fellows for carriage of stone and sand with other necessary work 11s. 4d.

Ground bared at the More for wall stone Pd. George and his fellows for baring of 1½ rood at the More 12s. Pd. Davye and his fellows baring of 2 roods at the More 14s.

Wall stone and filling stone gotten at the Town quarry Pd. Kichen in full payment of his task at the Town quarry for getting of wall stone there 14s. 4d. [2. 11. 8]

Pd. Wildsmithe for taking down of one piece of the wall at Castle 10s.

Wall stone gotten at the More Pd. Wilson Bentlye and their fellows for getting of wall stone at the More 13s. 6d.

The lime kiln set Pd. Wilson for 5 days at setting of the lime kiln and 1 day thacking 3s. 4d. [26. 10]

Coals for the lime kiln Pd. for 10 loads of coals for the lime kiln 30s.

Stone carriage Pd. Hallam for leading of 22 loads of stone from the Town quarry and 1 load from the More 4s. 8d.

Smithson's charges Pd. Smythson's charges for 6 meals and for proven for his horse 3s. 4d. [38 0]

Pd. the smith for mending of the quarry tools and other necessaries 4s. 4d.

Sum £ 14. 4. 8[1]

£534. 14s. 5d.[1]

[28.] The workmen's bill from the 15th of January unto the 29th of January 1613.

Free masons' work at Shuttellwode quarry Pd. Goodwin and his fellows for working of 120 foot ashlar 15s. Pd. them more for 42 foot of legmente table at 4½d. the foot 15s. 9d.

Stone getting at Shuttellwode quarry Pd. the labourers for getting of stone and baring of the quarry 22s. 2. 12. 9

Wall stone scappled at the quarries Pd. Ouldalle and his fellows for scappling of 13 rood of wall stone 19s. 6d.

Rafell and his son at the larder vault. Pd. Raffell for 11 days 11s. Pd. Tho. Raffell for 11 days 9s. 2d. Pd. Woode for one day 9d. [2. 0. 5]

The carpenters were to pay for 3 weeks Pd. Jo. Baroweclough for 17 days 17s. Pd. Rich. Barow. for 11 days 11s. Pd. Tuckeman for 17 days 14s. 2d. Pd. Turner for 17 days 14s. 2d.

Chester and his boy for 2 weeks Pd. Chester for 11 days 9s. 2d. Pd. his boy for 11 days 4s. 7d. [3. 10. 1]

The lime kiln and other work Pd. Jeames Wilson for 6 days at setting of the lime kiln 4s. Pd. Rodes wiffe and 6 more of their fellows for 10 days apiece at filling of the lime kiln and getting away of rubbish 17s. 6d. [21. 6]

[1] In a different ink.

£ s. d.

16 labourers at necessary work at Castle Pd. Leacke Jackson Wilson Yeavlee and other of their fellows for carrying of water harling and sifting of lime carrying of sand and rubbish and levelling of the court 38s.

Labourers at getting of wall stone at the More quarry Pd. Bentlee Davye and 6 more of their fellows for getting of wall stone and carrying of it out of the quarry to the scapplers 15s. [2. 13. 0]

Task work at taking down of the old wall at Castle Pd. Kichen and Rogers for their task at the taking down of the old wall at Castle 12s. Pd. Wyldesmithe in full payment of the like work 13s. 6d.

Ground bared at the More quarry Pd. George and his fellows for baring of one rood and his fellows for half a rood 10s.

Days work done at the More quarry Pd. Armefellde and others for 4 days' work in ordering of the More quarry 2s. 6d. [39. 0]

Smith's work in repairing of the quarry tools Pd. the smith for the repairing of the quarry tools and other work 3s. 4d. Pd. for straw for thatch and for carriage of the same from Skartliffe 5s. 4d.

Baring of ground at Shutell Pd. Yevle Wisson and other for baring one piece at Shuttellwoode quarry 13s. [21. 8]

Breaking of lime stone Pd. Yevlee in full payment of his task for breaking of lime stone 4s.

Carriage of stone from Kirkebye Pd. Kirkebye men for the carriage of 64¼ load of stone to Boulsover £12. 17s. Pd. Kichen and his fellows for taking down of the old walls 21s.

Smithson's charges Pd. Smithson for himself for 6 meals and proven for his horse 3s. [14. 5. 0]

Sum £ 28. 6. 7[1]

Sum total £577. 6s. 8d.[1]

[29.] The workmen's bill for Boulsover work from the 29th. of January unto the 12th of February 1613.

Free masons' work done at Shutellwode quarry Pd. Goodwin and his fellows for working of 70 foot of legmente table at 4½d. the foot 25s. 1d. Pd. Johnson for 36 foot of legmente table at 4½d. 13s. 6d. Pd. them for 90 foot of ashlar at 1½d. the foot 11s. 3d. 2. 9. 10

Free masons' work done in Kirkbye stone Pd. Halle Mason and others for working of 315 foot of window stuff that came from Kirkebye at 2d. the foot £2 12s. 3d. Pd. Jo. Adames for parelinge and fitting of old doors 11s.

Work done for the old chimney Pd. Hallee for working of stuff for the old chimneys of the old house 6s. 5d. 3. 9. 8

6 labourers at getting of stone Pd. the labourers at Shuttellwood for getting of 200 foot of stone and for baring of the quarry 33s. 10d.

Stone scappled at the More quarry Pd. Ouldalle and his fellows for scappling of 15 rood of wall stone at 18d. 22s. 6d.

[1] In a different ink.

£ s. d.

Stone gotten at the More quarry Pd. Wilson and 6 more of his fellows for getting and bearing out of stone at the More quarry 33s. 6d.

Stone wrought at the More Pd. Armefeeld for 6 days at getting of stone at the More quarry 5s. Pd. Tomlinson for working quoynes and ashlar at the More quarry 6s. 8d.

Stone scappled at the Town quarry Pd. Tho. Woode for scappling of 5 rood of wall stone at the Town quarry 7s. 6d. [5. 9. 0]

Work at the larder vault Pd. Rafell for 12 days (*sic*) 7s. Pd. Tho. Raffell for 5½ days 4s. 7d. [11. 7]

Carpenters at the roof and floors Pd. John Barowcloughe for 9 days 9s. Pd. Rich. Barowclo. for 9 days 9s. Pd. Tuckeman for 9 days 7s. 6d. Pd. Turner for 10 days 8s. 4d. [33.10]

At squaring and felling of timber Pd. Chester for 9 days 7s. 6d. Pd. his boy for 9 days 3s. 9d. 11. 3

Labourers at cleansing of wall stone and sand Pd. Yeavlee Robenson and 5 more of their fellows for cleansing of filling stone from the sand and rubbish 31s.

Harling and sifting of lime Pd. more to Wilson and his fellows for harling and sifting of lime 5s.

Lime kiln setting and drawing Pd. Jeames Wilson and 7 women for setting and drawing of the lime kiln 25s. 7d.

Sifting of lime Pd. Sparke and 5 other boys for sifting of lime 17s. 7d. Pd. Grene and his fellows for bearing of water and other necessaries for the lime 8s. 6d. [4. 7. 8]

Task work at the old wall Pd. Kichen and Tempaste for their task in taking down of one yard of the old wall 8s. 4d.

Work at the old house and making of saw pits. Pd. Glossope for digging of the way for the old larder stair 2s. 8d. Pd. him more for making of saw pits for the sawyers 2s. [13. 0]

Carriage of lime stone and stone from Shutellwoode quarry Pd. George Shemell and his fellows for the carriage of 32 load of lime stone at 5d. and for 4 load from the Town quarry at 2d. and 12d. given in earnest of the bargain 15s. Pd. Hallam for 15 load of lime stone and for four load of stone from the More at 11d. 2s. 9d. Pd. him more for one load from Shuttellwode quarry 12d. 18. 9

Lime stone broken Pd. for the breaking of 20 load of lime stone for the lime kiln 2s. 6d.

Smith's work and buckets for the well Pd. the smith for one new hammer and 6 wedges with other tools for the More quarry 4s. 10d. Pd. for 2 new buckets for the Castle well 22d. [9. 2]

Smythson's charges Pd. Smithsonne charges for 8 meals and for proven for his horse 4s.

Sum £ 20. 12. 9[1]

£577. 6s. 8d.[1]

[1] In a different ink.

£ s. d.

[30.] The workmen's bill for Boulsover work from the 12th of February unto the 26th of February 1613.

Free masons' work done at Shuttellwd Pd. Goodwin and his fellows for working of 36 foot of legmente table 31s. 6d. Pd. them more for 166 foot of ashlar at 1½d. the foot 20s. 9d. Pd. them for 14 arch stones for the stairs of wine cellar and back stair at 6d. the stone 7s. 2. 19. 3

Masons' work wrought at Castle of old stone that came from Kirkebye Pd. Tho. Mason for working of 96 foot of window stuff that came from Kirkebye 16s. Pd. Hawlee and Crokes for cleansing of parelinge of doors and other stuff that came from Kirkebye 27s Pd. Tomlinson and Adames for hewing of coynes and splays of the More stone 13s. 2. 16. 0

Labourers at getting of stone at Shutelwode Pd. Wildesmithe and 7 more of fellows for getting of stone and baring of stone at Shutellwode quarry for the masons and layers 38. 0

Carpenters at felling squaring and sawing of timber Pd. Jo. Barowcloughe for 11 days 11s. Pd. Rich. Barowcloughe for 11 days 11s. Pd. Robinson for 11 days 9s. 2d. Pd. Tukeman 12 days 12s. Pd. Turner for 12 days 12s. 2. 15 2

Work at the scaffolds and centres Pd. Chester for 11 days 9s. 2d. Pd. his boy for 12 days 5s. 14. 2

Wall stone scappled at Shuttellwod and the More quarry Pd. Ro. Ouldalle and his fellows for scappling of 26 rood at the More quarry at 18d. 39s. Pd. Rotherforthe and his fellows for scappling of 23 rood at the More quarry 34s. 6d. 3. 14. 6

6 labourers at getting of stone Pd. Adam Davye and his fellows for getting of wall stone at the More 27s.

Layers at the old house Pd. Raffell for 11 days 11s. Pd. Tho. Woode for 6 days 6s. Pd. Tho. Raffell for 9 days 7s. 6d. 2. 11. 6

Serving of layers and harling of lime Pd. Yevelle and 8 more of his fellows for serving of the layers and harling up of lime 38s.

Sorting of sand and wall stone Pd. Sparke and 6 more of his fellows for sorting of filling and sand that came out of the old wall 14s. 2. 2. 0

The lime kiln setting and drawing with other work Pd. Jeames Wilson and 7 women for setting of the lime kiln 26s.

Harling of lime Pd. Wilson and his fellows for harling of lime 14s. 40. 0

Sifting of lime Pd. Yeavlee his task for sifting of lime 6s.

Saw pits making for the sawyers Pd. Glossope for making of 8 saw pits for the sawyers 4s.

Taking down the old wall Pd. Leake in part for taking down of the old wall 6s. 16. 0

Breaking of lime stone Pd. Henrye Barlowe and his fellow for breaking of 37 load of lime stone 4s. 7d.

Carriage of lime stone Pd. Shemell and Hallam for the carriage of 42 load of lime at 5d. the load 17s. 6d. 22. 1

£ s. d.

Carriage of stone from Kirkebye Pd. Kirkebye men for the carriage of 58 load 1 quarter to Boulsover £11. 8s. Pd. Kichen for 15 days at taking down the ashlar and other stuff and sorting it into loads 8s. 9d. 12. 1. 9

Smith's for nails and other necessaries Pd. the smith for nails for the centres and scaffolds 2s. Pd. him more for hod plates and other necessaries for the work 5s.

Smythson's charges Pd. Smythson for his charges for 6 meals and proven for his horse 3s. 4d. 10. 4

Sum £ 34. 17. 9[1]

Sum total £633. 17s. 2d.[1]

[31.] The workmen's bill for Boulsover work from the 26th of February unto the 12th of March 1613.

Free masons' work done at Shuttellwoode quarry Pd. Goodwin and his fellows for 126 foot of ashlar at 1½d. 15s. 9d. Pd. them more for 25 foot of legmente table at 4½d. the foot 9s. 4d. Pd. them more for 41 foot of door jamb at 4½d. the foot 15s. Pd. them more for 22 foot of window stuff at 5d. the foot 9s. 2d. Pd. them more for 14 arch stones for the wine cellar stair and the back stair at 7d. the stone 8s. 2d. [2. 17. 5]

12 labourers at getting of stone at Shutellwode quarry Pd. the labourers at Shutellwood for getting of 214 foot of stone and carrying out of wall stone and baring of the quarry 32s. 11d. Pd. Glossope and his fellow in part for baring of one rood 8s. 40. 11

Free masons' work at parrelinge of ashlar and other stone from Kirkebye Pd. Mason and his fellows for working of 65 foot of window stuff of Styklee stone at 2d. 10s. 10d. Pd. Crokes and Hawlee for cleansing of 520 foot of Kirkebye ashlar 14s. Pd. them more for parrelinge of 16 steptes of Kirkebye stone for the principal stair and back stair 10s. 8d. 35. 6

Quoynes and splays of the More stone Pd. Tomlinson and Adames for working of quoynes and splays of the More stone 14s.

Stone getting at Shuttell Pd. Armefeeld for getting of stone at Shuttellwode quarry 9s. 7d. 23. 7

Wall stone scappled at the More Pd. Ouldalle and his fellows for scappling of 17 rood of wall stone at the More quarry 25s. 6d.

Wall stone scappled at Shutellwod Pd. Meatams and their fellows for scappling of 26 rood of wall stone at Shutellwode quarry 39s. 3. 4. 6

Wall stone gotten at the More Pd. Adam Davye and 5 more of his fellows for getting of wall stone at the More quarry 21. 9

Layers at the larder and cellar of the old house Pd. Raffell for 8 days 8s. Pd. Tho. Raffell for 10 days 8s. 4d. Pd. Tho. Woode for 7 days 7s. 23. 4

Carpenters at squaring and felling of timber Pd. John Barowcloughe for 10 days 10s. Pd. Rich. Barowe. for 11 days 11s. Pd. Robenson for 10 days 8s. 4d. 29. 4

[1] In a different ink.

£ s. d.

Sawyers Pd. Tuckeman for 10 days 8s. 4d. Pd. Turner for 10 days 8s. 4d. 16. 8

Scaffolding and centres Pd. Chester for 9 days 7s. 6d. Pd. young Chester for 10 days 4s. 2d. 11. 8

Carriage of water and sorting of stone Pd. Wm. Greene Yeavlee and two other for carriage of water to the lime and sorting of Kirkebi ashlar and other stuff 10s. 2d.

Labourers at the old house Pd. Robenson Chambers and 3 other for serving of the layers at the old house 22s. 6d.

9 labourers at harling of lime and sorting of stone Pd. Jeames Wilson and 8 more of his fellows for harling of lime and sorting of filling stone 26s. 2. 18. 8

Sand and filling stone sorted Pd. Rodes wiffe Miller wiffe and 7 more for carrying of sand and sorting of wall stone for filling 16s. 4d.

Making of saw pits Pd. Glosope for making of 3 saw pits for the carpenters 2s.

Sifting and harling of lime Pd. Wilson and Yeavlee for sifting and harling up of lime 17s. 6d. 35. 10

Taking down of the wall Pd. Leacke for pulling down of part of the old wall 8s.

Carriage of fleackes Pd. for the carriage of 6 dozen of fleakes from Skartclife Park 7s. 4d.

Breaking of lime stone Pd. for breaking of 20 load of lime stone 2s. 6d. 17. 10

Carriage of lime stone and wall stone Pd. Sheamell and Hallam for the carriage of 9 load of stone from the More 9s. Pd. for 12 load of lime stone 5s. 15. 0 (*sic*)

The smith work for the building Pd. the smith for one new gavelocke 24 lbs.[1] for the More quarry 4s. Pd. more for nails hod plates and other necessaries as by his bill may appear 4s. 1d. 8. 1

Smithson's charges for himself and his horse Pd. Smythson for his charges for 8 meals and proven for his horse 4s.

Glazier's work for the old house Pd. the glazier of Mannffelld for 40 foot of new for the old house and mending of the rest 31s. 9d. 34. 9 (*sic*)

Sum £ 24. 14. 3[2]

£577. 6s. 8d.[2]
£ 24. 14s. 3d.[2]

£602. 0s. 11d.[2]

Added in pencil £632. 17s. 2d. and at the bottom of the next column £657. 11s. 5d.

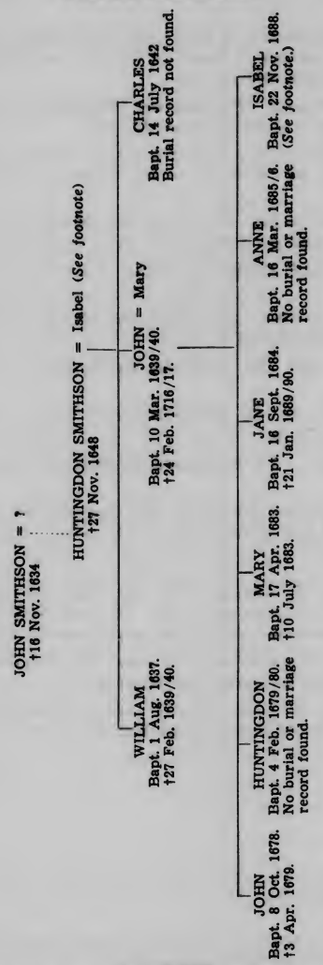
[32.] The workmen's bill for Boulsover work from the 12th of March unto the 26th of March 1614.

[*This column blank in the MS.*]

[1] *24 lbs.* written above the line.
[2] In a different ink.

APPENDIX.

SMITHSON PEDIGREE CONSTRUCTED FROM THE BOLSOVER PARISH REGISTERS.



ISABELLA SMITHSON,† 25 Feb. 1696/7, might be either (i.) the widow of Huntingdon, who died in 1648, or (ii.) the youngest daughter of the second John Smithson, who died in Feb. 1717.

W. J. Parrett, Ltd., 25, Cecil Square, Margate

Date Due

COLUMBIA UNIVERSITY
0032057407

D430.385 K75
Knoop & Jones
Bolsover castle building accounts, 1613?
1-14-37 Binding [illegible]

MSH 01956
NEH
MAY 2 0 1994
FEB 12 1937

P 430.385 - K7

END OF
TITLE